

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111423\
 Data File : VX038799.D
 Acq On : 14 Nov 2023 12:31
 Operator : JC/MD
 Sample : VX1114MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114MBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2023
 Supervised By : Mahesh Dadoda 11/15/2023

Quant Time: Nov 14 18:27:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 14 09:15:55 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	115663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	200625	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	95109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78027	47.418	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.840%		
35) Dibromofluoromethane	5.385	113	66942	48.569	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.140%		
50) Toluene-d8	8.647	98	245652	48.117	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.240%		
62) 4-Bromofluorobenzene	11.079	95	103080	48.291	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	25124	19.206	ug/l	98
3) Chloromethane	1.295	50	23971	17.644	ug/l	98
4) Vinyl Chloride	1.374	62	21745	18.270	ug/l	98
5) Bromomethane	1.605	94	15535	17.983	ug/l	95
6) Chloroethane	1.685	64	13084	18.219	ug/l	94
7) Trichlorofluoromethane	1.886	101	32590	18.366	ug/l	100
8) Diethyl Ether	2.130	74	12356	18.600	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	23544	18.247	ug/l	94
10) Methyl Iodide	2.453	142	32015	19.139	ug/l #	88
11) Tert butyl alcohol	2.947	59	41563	98.849	ug/l #	95
12) 1,1-Dichloroethene	2.319	96	24576	18.525	ug/l	83
13) Acrolein	2.233	56	29418	105.266	ug/l	100
14) Allyl chloride	2.666	41	44401	18.666	ug/l	89
15) Acrylonitrile	3.056	53	90952	99.273	ug/l	99
16) Acetone	2.374	43	86767	98.404	ug/l #	86
17) Carbon Disulfide	2.514	76	66625	18.505	ug/l	99
18) Methyl Acetate	2.697	43	78803	19.257	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	84845	19.859	ug/l	97
20) Methylene Chloride	2.788	84	29297	17.765	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	27203	18.981	ug/l	90
22) Diisopropyl ether	3.758	45	82005	18.952	ug/l #	85
23) Vinyl Acetate	3.715	43	294685	100.257	ug/l	97
24) 1,1-Dichloroethane	3.605	63	46058	18.563	ug/l	99
25) 2-Butanone	4.550	43	129059	98.494	ug/l	94
26) 2,2-Dichloropropane	4.477	77	34214	18.503	ug/l	92
27) cis-1,2-Dichloroethene	4.483	96	31113	18.989	ug/l	89
28) Bromochloromethane	4.898	49	23053	20.541	ug/l	86
29) Tetrahydrofuran	4.995	42	84290	100.241	ug/l	94
30) Chloroform	5.087	83	46867	17.956	ug/l	95
31) Cyclohexane	5.471	56	41744	18.627	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	38909	18.095	ug/l	97
36) 1,1-Dichloropropene	5.696	75	35393	18.265	ug/l	96
37) Ethyl Acetate	4.709	43	45157	20.323	ug/l #	94
38) Carbon Tetrachloride	5.672	117	33333	18.609	ug/l	98
39) Methylcyclohexane	7.379	83	45660	19.065	ug/l	95
40) Benzene	6.038	78	106971	19.010	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111423\
 Data File : VX038799.D
 Acq On : 14 Nov 2023 12:31
 Operator : JC/MD
 Sample : VX1114MBSD01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114MBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/15/2023
 Supervised By :Mahesh Dadoda 11/15/2023

Quant Time: Nov 14 18:27:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 14 09:15:55 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	23862	20.158	ug/l	92
42) 1,2-Dichloroethane	6.086	62	36950	19.256	ug/l	93
43) Isopropyl Acetate	6.336	43	67547	20.181	ug/l	95
44) Trichloroethene	7.129	130	28329	18.506	ug/l	90
45) 1,2-Dichloropropane	7.428	63	27595	19.782	ug/l	99
46) Dibromomethane	7.580	93	19449	19.632	ug/l	93
47) Bromodichloromethane	7.818	83	35409	19.150	ug/l	98
48) Methyl methacrylate	7.690	41	33526	20.466	ug/l	88
49) 1,4-Dioxane	7.653	88	14586	437.961	ug/l #	95
51) 4-Methyl-2-Pentanone	8.568	43	230268	101.809	ug/l	96
52) Toluene	8.714	92	67517	19.423	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	39114	20.204	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	42852	19.887	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	28984	19.909	ug/l	97
56) Ethyl methacrylate	9.116	69	45390	20.066	ug/l	90
57) 1,3-Dichloropropane	9.305	76	46709	19.675	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	119581	109.780	ug/l	97
59) 2-Hexanone	9.427	43	188220	103.268	ug/l	94
60) Dibromochloromethane	9.519	129	28045	20.037	ug/l	98
61) 1,2-Dibromoethane	9.610	107	31131	19.867	ug/l	99
64) Tetrachloroethene	9.275	164	22815	19.147	ug/l	96
65) Chlorobenzene	10.080	112	73916	19.380	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	25004	19.173	ug/l	95
67) Ethyl Benzene	10.195	91	129634	19.117	ug/l	99
68) m/p-Xylenes	10.299	106	100187	38.744	ug/l	100
69) o-Xylene	10.640	106	48665	19.394	ug/l	98
70) Styrene	10.653	104	82032	19.540	ug/l	97
71) Bromoform	10.799	173	19128	18.926	ug/l #	99
73) Isopropylbenzene	10.964	105	126122	19.068	ug/l	98
74) N-amyl acetate	10.842	43	54130	19.707	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.207	83	47938	20.028	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	39944m	19.669	ug/l	
77) Bromobenzene	11.195	156	30639	19.463	ug/l	97
78) n-propylbenzene	11.305	91	151464	19.145	ug/l	99
79) 2-Chlorotoluene	11.360	91	91919	18.948	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	109984	19.347	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	13137	18.588	ug/l	91
82) 4-Chlorotoluene	11.451	91	108649	19.455	ug/l	98
83) tert-Butylbenzene	11.713	119	104807	19.030	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	109130	19.120	ug/l	96
85) sec-Butylbenzene	11.890	105	134580	18.862	ug/l	99
86) p-Isopropyltoluene	12.006	119	112291	19.304	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	59352	18.731	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	59419	18.507	ug/l	97
89) n-Butylbenzene	12.329	91	103255	19.054	ug/l	98
90) Hexachloroethane	12.536	117	18040	19.421	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	57572	19.224	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11395	19.958	ug/l	80
93) 1,2,4-Trichlorobenzene	13.585	180	37240	19.312	ug/l	99
94) Hexachlorobutadiene	13.725	225	13283	18.078	ug/l	96
95) Naphthalene	13.774	128	137284	19.824	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	36417	19.191	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111423\
Data File : VX038799.D
Acq On : 14 Nov 2023 12:31
Operator : JC/MD
Sample : VX1114MBSD01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1114MBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2023
Supervised By :Mahesh Dadoda 11/15/2023

Quant Time: Nov 14 18:27:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111423W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 14 09:15:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

