

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111423\
 Data File : VX038798.D
 Acq On : 14 Nov 2023 12:06
 Operator : JC/MD
 Sample : VX1114MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114MBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 14 18:27:00 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	120811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	216524	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80991	47.122	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.240%		
35) Dibromofluoromethane	5.385	113	71109	47.804	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.600%		
50) Toluene-d8	8.647	98	261432	47.448	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.900%		
62) 4-Bromofluorobenzene	11.079	95	107793	46.791	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24948	18.259	ug/l	99
3) Chloromethane	1.294	50	24351	17.160	ug/l	98
4) Vinyl Chloride	1.374	62	22082	17.762	ug/l	98
5) Bromomethane	1.605	94	16347	18.182	ug/l	98
6) Chloroethane	1.691	64	13385	17.844	ug/l	93
7) Trichlorofluoromethane	1.892	101	32270	17.411	ug/l	98
8) Diethyl Ether	2.130	74	12292	17.715	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	24013	17.818	ug/l	95
10) Methyl Iodide	2.453	142	33141	18.968	ug/l #	88
11) Tert butyl alcohol	2.946	59	39920	90.896	ug/l #	95
12) 1,1-Dichloroethene	2.319	96	24904	17.972	ug/l	81
13) Acrolein	2.233	56	29853	102.271	ug/l	99
14) Allyl chloride	2.666	41	45948	18.494	ug/l	89
15) Acrylonitrile	3.062	53	92095	96.237	ug/l	97
16) Acetone	2.373	43	89822	97.528	ug/l #	89
17) Carbon Disulfide	2.514	76	68543	18.226	ug/l	99
18) Methyl Acetate	2.697	43	79751	18.658	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	83027	18.605	ug/l	96
20) Methylene Chloride	2.788	84	28806	16.723	ug/l #	89
21) trans-1,2-Dichloroethene	3.093	96	27848	18.603	ug/l	91
22) Diisopropyl ether	3.757	45	83031	18.371	ug/l	88
23) Vinyl Acetate	3.721	43	294140	95.807	ug/l	98
24) 1,1-Dichloroethane	3.611	63	47482	18.322	ug/l	98
25) 2-Butanone	4.550	43	129459	94.589	ug/l	91
26) 2,2-Dichloropropane	4.477	77	35103	18.174	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	31495	18.403	ug/l	90
28) Bromochloromethane	4.903	49	23136	19.736	ug/l #	83
29) Tetrahydrofuran	5.001	42	84195	95.861	ug/l	94
30) Chloroform	5.086	83	48472	17.779	ug/l	99
31) Cyclohexane	5.464	56	42048	17.963	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	39934	17.780	ug/l	96
36) 1,1-Dichloropropene	5.690	75	34164	16.336	ug/l	95
37) Ethyl Acetate	4.708	43	45454	18.955	ug/l #	95
38) Carbon Tetrachloride	5.672	117	32982	17.061	ug/l	99
39) Methylcyclohexane	7.379	83	45315	17.532	ug/l	99
40) Benzene	6.037	78	109666	18.058	ug/l	99

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41) Methacrylonitrile	4.916	41	24482	19.164	ug/l	93
42) 1,2-Dichloroethane	6.086	62	36488	17.619	ug/l	96
43) Isopropyl Acetate	6.336	43	66018	18.276	ug/l	94
44) Trichloroethene	7.129	130	29603	17.918	ug/l	96
45) 1,2-Dichloropropane	7.427	63	27062	17.975	ug/l	98
46) Dibromomethane	7.580	93	19574	18.308	ug/l	93
47) Bromodichloromethane	7.818	83	35776	17.927	ug/l	98
48) Methyl methacrylate	7.696	41	32297	18.268	ug/l #	87
49) 1,4-Dioxane	7.653	88	14077	391.641	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	228513	93.615	ug/l	94
52) Toluene	8.720	92	68789	18.336	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	38850	18.594	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	43256	18.601	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	28917	18.405	ug/l	98
56) Ethyl methacrylate	9.116	69	44510	18.232	ug/l	91
57) 1,3-Dichloropropane	9.305	76	47475	18.529	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	119273	101.457	ug/l	95
59) 2-Hexanone	9.427	43	185320	94.211	ug/l	94
60) Dibromochloromethane	9.518	129	28165	18.645	ug/l	100
61) 1,2-Dibromoethane	9.610	107	31949	18.892	ug/l	98
64) Tetrachloroethene	9.275	164	23543	18.848	ug/l	97
65) Chlorobenzene	10.079	112	74742	18.694	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	25368	18.556	ug/l	95
67) Ethyl Benzene	10.195	91	131014	18.431	ug/l	100
68) m/p-Xylenes	10.299	106	103272	38.098	ug/l	97
69) o-Xylene	10.640	106	49434	18.793	ug/l	99
70) Styrene	10.652	104	83177	18.901	ug/l	98
71) Bromoform	10.799	173	20205	19.071	ug/l #	99
73) Isopropylbenzene	10.963	105	128221	18.269	ug/l	98
74) N-amyl acetate	10.841	43	53979	18.520	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	47274	18.613	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	39082m	18.136	ug/l	
77) Bromobenzene	11.195	156	30810	18.445	ug/l	98
78) n-propylbenzene	11.305	91	151370	18.031	ug/l	99
79) 2-Chlorotoluene	11.366	91	92750	18.018	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	111818	18.537	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	12845	17.128	ug/l	90
82) 4-Chlorotoluene	11.451	91	109938	18.552	ug/l	98
83) tert-Butylbenzene	11.713	119	106543	18.231	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	112945	18.648	ug/l	96
85) sec-Butylbenzene	11.890	105	137082	18.106	ug/l	99
86) p-Isopropyltoluene	12.006	119	114228	18.506	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	60278	17.927	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	61585	18.077	ug/l	98
89) n-Butylbenzene	12.335	91	103124	17.934	ug/l	99
90) Hexachloroethane	12.536	117	17520	17.775	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	57764	18.177	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	11527	19.026	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	38012	18.577	ug/l	97
94) Hexachlorobutadiene	13.725	225	14220	18.239	ug/l	96
95) Naphthalene	13.774	128	139819	19.028	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	36865	18.308	ug/l	100

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

