

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011723\
 Data File : VX033756.D
 Acq On : 17 Jan 2023 13:05
 Operator : JC/MD
 Sample : VX0117MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/18/2023
 Supervised By : Mahesh Dadoda 01/18/2023

Quant Time: Jan 18 04:06:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	196037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	272734	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96525	46.764	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.520%		
35) Dibromofluoromethane	5.385	113	87013	51.380	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.760%		
50) Toluene-d8	8.647	98	316202	51.245	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.480%		
62) 4-Bromofluorobenzene	11.079	95	104196	45.481	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29007	18.724	ug/l	98
3) Chloromethane	1.294	50	33703	19.693	ug/l	99
4) Vinyl Chloride	1.374	62	34135	20.555	ug/l	97
5) Bromomethane	1.618	94	19863	20.817	ug/l	96
6) Chloroethane	1.691	64	19570	19.061	ug/l	99
7) Trichlorofluoromethane	1.892	101	52550	19.513	ug/l	100
8) Diethyl Ether	2.130	74	17914	20.315	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	32152	21.137	ug/l	95
10) Methyl Iodide	2.453	142	46054	21.150	ug/l	93
11) Tert butyl alcohol	3.020	59	28265m	78.827	ug/l	
12) 1,1-Dichloroethene	2.319	96	30745	19.275	ug/l	93
13) Acrolein	2.239	56	47871	144.695	ug/l	99
14) Allyl chloride	2.666	41	55375	18.406	ug/l	90
15) Acrylonitrile	3.068	53	85410	90.507	ug/l	99
16) Acetone	2.392	43	82803	103.106	ug/l	94
17) Carbon Disulfide	2.514	76	73579	19.385	ug/l	97
18) Methyl Acetate	2.703	43	52668	18.284	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	104349	18.835	ug/l	99
20) Methylene Chloride	2.788	84	35294	18.065	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	33346	17.882	ug/l	100
22) Diisopropyl ether	3.757	45	110846	18.312	ug/l	99
23) Vinyl Acetate	3.721	43	418816	91.910	ug/l	98
24) 1,1-Dichloroethane	3.611	63	59951	18.102	ug/l	100
25) 2-Butanone	4.568	43	118799	88.088	ug/l	96
26) 2,2-Dichloropropane	4.471	77	41893	17.660	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	39270	18.318	ug/l	98
28) Bromochloromethane	4.897	49	29893	19.816	ug/l	98
29) Tetrahydrofuran	5.013	42	74013	87.074	ug/l	98
30) Chloroform	5.093	83	61435	18.112	ug/l	93
31) Cyclohexane	5.464	56	55917	18.410	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	52825	18.240	ug/l	98
36) 1,1-Dichloropropene	5.690	75	46429	18.785	ug/l	100
37) Ethyl Acetate	4.715	43	45670	17.508	ug/l	99
38) Carbon Tetrachloride	5.678	117	46689	18.239	ug/l	96
39) Methylcyclohexane	7.379	83	59093	19.360	ug/l	96
40) Benzene	6.037	78	135750	18.843	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	27190	19.963	ug/l	98
42) 1,2-Dichloroethane	6.086	62	46509	18.217	ug/l	99
43) Isopropyl Acetate	6.336	43	71789	18.398	ug/l	99
44) Trichloroethene	7.123	130	40386	20.047	ug/l	97
45) 1,2-Dichloropropane	7.427	63	34378	19.049	ug/l	95
46) Dibromomethane	7.580	93	24013	19.049	ug/l	97
47) Bromodichloromethane	7.824	83	45440	18.705	ug/l	100
48) Methyl methacrylate	7.690	41	37069	18.859	ug/l	96
49) 1,4-Dioxane	7.720	88	15649	359.933	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	227774	95.050	ug/l	99
52) Toluene	8.720	92	89055	19.142	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	46041	18.951	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	52592	19.319	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	35831	19.457	ug/l	97
56) Ethyl methacrylate	9.116	69	50907	19.642	ug/l	99
57) 1,3-Dichloropropane	9.305	76	58827	19.700	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	142891	111.950	ug/l	99
59) 2-Hexanone	9.427	43	171047	102.552	ug/l	100
60) Dibromochloromethane	9.519	129	37522	19.653	ug/l	100
61) 1,2-Dibromoethane	9.610	107	37459	20.382	ug/l	98
64) Tetrachloroethene	9.275	164	36434	24.692	ug/l	97
65) Chlorobenzene	10.079	112	82589	19.630	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	30892	19.951	ug/l	98
67) Ethyl Benzene	10.195	91	148612	20.573	ug/l	99
68) m/p-Xylenes	10.299	106	117193	41.477	ug/l	98
69) o-Xylene	10.640	106	56588	20.195	ug/l	95
70) Styrene	10.652	104	93953	20.617	ug/l	96
71) Bromoform	10.799	173	24065	18.547	ug/l #	99
73) Isopropylbenzene	10.963	105	152317	19.203	ug/l	99
74) N-amyl acetate	10.841	43	57405	19.597	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	46166	19.455	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	36999m	18.052	ug/l	
77) Bromobenzene	11.195	156	38700	18.084	ug/l	93
78) n-propylbenzene	11.305	91	176704	19.413	ug/l	98
79) 2-Chlorotoluene	11.366	91	105151	19.570	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	131188	19.544	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	11570	17.544	ug/l #	85
82) 4-Chlorotoluene	11.451	91	122875	20.050	ug/l	99
83) tert-Butylbenzene	11.713	119	131478	19.727	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	129938	20.464	ug/l	99
85) sec-Butylbenzene	11.890	105	163472	20.507	ug/l	99
86) p-Isopropyltoluene	12.006	119	140702	20.616	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	72828	19.322	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	73363	19.107	ug/l	96
89) n-Butylbenzene	12.329	91	117173	20.986	ug/l	99
90) Hexachloroethane	12.536	117	21142	18.832	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	71566	19.676	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9325	20.486	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	47097	19.223	ug/l	98
94) Hexachlorobutadiene	13.725	225	23360	19.465	ug/l	99
95) Naphthalene	13.774	128	140308	19.906	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	47524	19.386	ug/l	99

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

