

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051023\
 Data File : VX035588.D
 Acq On : 10 May 2023 16:00
 Operator : JC/MD
 Sample : VX0510MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/11/2023
 Supervised By : Mahesh Dadoda 05/11/2023

Quant Time: May 11 04:21:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	369926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	572980	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	513507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	261835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	183976	41.223	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	82.440%		
35) Dibromofluoromethane	5.379	113	172361	49.011	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.020%		
50) Toluene-d8	8.647	98	610262	46.000	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.000%		
62) 4-Bromofluorobenzene	11.079	95	240598	48.210	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	63596	16.247	ug/l	100
3) Chloromethane	1.295	50	66991	18.813	ug/l	98
4) Vinyl Chloride	1.374	62	61244	17.148	ug/l	99
5) Bromomethane	1.612	94	30993	13.057	ug/l	98
6) Chloroethane	1.685	64	34623	16.576	ug/l	99
7) Trichlorofluoromethane	1.886	101	95872	17.166	ug/l	100
8) Diethyl Ether	2.136	74	36734	18.040	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	70524	18.906	ug/l	93
10) Methyl Iodide	2.453	142	61672	13.100	ug/l	97
11) Tert butyl alcohol	2.977	59	64583	79.476	ug/l	100
12) 1,1-Dichloroethene	2.319	96	66719	18.570	ug/l	92
13) Acrolein	2.239	56	64644	80.891	ug/l	100
14) Allyl chloride	2.666	41	113973	18.026	ug/l	94
15) Acrylonitrile	3.062	53	191242	94.095	ug/l	100
16) Acetone	2.386	43	166423	85.859	ug/l	94
17) Carbon Disulfide	2.514	76	150267	17.446	ug/l	100
18) Methyl Acetate	2.703	43	141968	18.940	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	240648	19.523	ug/l	96
20) Methylene Chloride	2.788	84	78834	17.737	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	75061	19.236	ug/l	88
22) Diisopropyl ether	3.757	45	234873	18.772	ug/l	90
23) Vinyl Acetate	3.721	43	812181	94.435	ug/l	96
24) 1,1-Dichloroethane	3.611	63	132414	18.788	ug/l	99
25) 2-Butanone	4.556	43	253721	89.680	ug/l	93
26) 2,2-Dichloropropane	4.471	77	109643	19.858	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	88964	19.396	ug/l	91
28) Bromochloromethane	4.898	49	53199	17.713	ug/l #	78
29) Tetrahydrofuran	5.007	42	160504	88.498	ug/l	91
30) Chloroform	5.093	83	138188	19.423	ug/l	95
31) Cyclohexane	5.477	56	117303	18.529	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	120405	19.311	ug/l	94
36) 1,1-Dichloropropene	5.696	75	100209	18.249	ug/l	96
37) Ethyl Acetate	4.709	43	97532	19.447	ug/l #	94
38) Carbon Tetrachloride	5.678	117	101343	19.441	ug/l	96
39) Methylcyclohexane	7.379	83	129723	19.407	ug/l	98
40) Benzene	6.038	78	311242	19.758	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	56310	19.594	ug/l	95
42) 1,2-Dichloroethane	6.086	62	100862	17.958	ug/l	93
43) Isopropyl Acetate	6.336	43	164405	19.508	ug/l #	93
44) Trichloroethene	7.123	130	88387	20.368	ug/l	93
45) 1,2-Dichloropropane	7.428	63	79008	19.894	ug/l	97
46) Dibromomethane	7.580	93	53937	19.777	ug/l #	87
47) Bromodichloromethane	7.818	83	102326	20.364	ug/l	99
48) Methyl methacrylate	7.690	41	79445	19.218	ug/l	87
49) 1,4-Dioxane	7.696	88	32104	318.604	ug/l	91
51) 4-Methyl-2-Pentanone	8.574	43	498102	96.205	ug/l	94
52) Toluene	8.714	92	201127	20.143	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	112481	21.435	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	125179	21.105	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	81285	20.421	ug/l	95
56) Ethyl methacrylate	9.116	69	121619	20.510	ug/l #	85
57) 1,3-Dichloropropane	9.305	76	133771	19.648	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	298025	100.516	ug/l	92
59) 2-Hexanone	9.427	43	369447	94.984	ug/l	91
60) Dibromochloromethane	9.519	129	83930	22.007	ug/l	98
61) 1,2-Dibromoethane	9.610	107	86217	21.010	ug/l	99
64) Tetrachloroethene	9.275	164	75820	19.284	ug/l	98
65) Chlorobenzene	10.079	112	221254	19.915	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	81774	21.149	ug/l	98
67) Ethyl Benzene	10.195	91	388038	20.168	ug/l	100
68) m/p-Xylenes	10.299	106	306432	41.565	ug/l	95
69) o-Xylene	10.640	106	153243	21.198	ug/l	93
70) Styrene	10.653	104	248068	21.163	ug/l	96
71) Bromoform	10.799	173	60623	22.541	ug/l #	98
73) Isopropylbenzene	10.963	105	392148	20.488	ug/l	99
74) N-amyl acetate	10.842	43	139700	19.422	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	119590	20.131	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	99348m	19.021	ug/l	
77) Bromobenzene	11.195	156	98307	20.663	ug/l	88
78) n-propylbenzene	11.305	91	441907	20.103	ug/l	98
79) 2-Chlorotoluene	11.366	91	265964	19.362	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	331418	20.536	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	34049	21.114	ug/l	96
82) 4-Chlorotoluene	11.451	91	301801	19.562	ug/l	95
83) tert-Butylbenzene	11.713	119	342297	21.139	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	332809	20.524	ug/l	98
85) sec-Butylbenzene	11.890	105	410404	20.662	ug/l	99
86) p-Isopropyltoluene	12.006	119	350511	20.749	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	185481	20.514	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	182122	19.211	ug/l	99
89) n-Butylbenzene	12.329	91	284064	19.919	ug/l	99
90) Hexachloroethane	12.536	117	52319	20.232	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	179581	19.858	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23113	19.403	ug/l	73
93) 1,2,4-Trichlorobenzene	13.585	180	118414	20.832	ug/l	98
94) Hexachlorobutadiene	13.725	225	50650	20.303	ug/l	98
95) Naphthalene	13.774	128	372499	21.287	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	117440	20.524	ug/l	97

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

