

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050223\
 Data File : VX035491.D
 Acq On : 02 May 2023 19:51
 Operator : JC/MD
 Sample : 02558-02MS
 Misc : 4.50g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-SS011-0006-01MS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/03/2023
 Supervised By : Mahesh Dadoda 05/03/2023

Quant Time: May 03 03:18:36 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	231263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	389909	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	154439	55.353	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.700%			
35) Dibromofluoromethane	5.391	113	124406	51.984	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.960%			
50) Toluene-d8	8.647	98	438218	48.541	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.080%			
62) 4-Bromofluorobenzene	11.085	95	166375	48.990	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56660	23.154	ug/l	99
3) Chloromethane	1.294	50	84408	37.918	ug/l	100
4) Vinyl Chloride	1.374	62	80935	36.250	ug/l	100
5) Bromomethane	1.617	94	43120	29.058	ug/l	99
6) Chloroethane	1.691	64	17263	13.220	ug/l	96
7) Trichlorofluoromethane	1.867	101	95599	27.381	ug/l	97
8) Diethyl Ether	2.130	74	55484	43.585	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.306	101	80842	34.667	ug/l	95
10) Methyl Iodide	2.434	142	67051	22.782	ug/l	98
11) Tert butyl alcohol	3.074	59	26686	52.530	ug/l #	73
12) 1,1-Dichloroethene	2.300	96	83391	37.126	ug/l	98
13) Acrolein	2.239	56	122841	245.881	ug/l	97
14) Allyl chloride	2.654	41	128845	32.596	ug/l #	91
15) Acrylonitrile	3.081	53	307084	241.686	ug/l	99
16) Acetone	2.410	43	251522	207.567	ug/l	100
17) Carbon Disulfide	2.489	76	168302	31.257	ug/l	100
18) Methyl Acetate	2.715	43	253196	54.034	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	387244	50.253	ug/l	96
20) Methylene Chloride	2.782	84	116721	42.008	ug/l	92
21) trans-1,2-Dichloroethene	3.081	96	105014	43.048	ug/l	96
22) Diisopropyl ether	3.769	45	358797	45.870	ug/l #	82
23) Vinyl Acetate	3.721	43	1317845	245.106	ug/l	98
24) 1,1-Dichloroethane	3.605	63	198904	45.144	ug/l	99
25) 2-Butanone	4.580	43	371058	209.792	ug/l	92
26) 2,2-Dichloropropane	4.471	77	145139	42.048	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	131195	45.752	ug/l	93
28) Bromochloromethane	4.897	49	80866	43.069	ug/l #	83
29) Tetrahydrofuran	5.019	42	257496	227.105	ug/l	93
30) Chloroform	5.092	83	211967	47.656	ug/l	92
31) Cyclohexane	5.458	56	136373	34.457	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	171185	43.916	ug/l	97
36) 1,1-Dichloropropene	5.690	75	138490	37.061	ug/l	98
37) Ethyl Acetate	4.727	43	182503	53.474	ug/l	99
38) Carbon Tetrachloride	5.672	117	137890	38.871	ug/l	96
39) Methylcyclohexane	7.372	83	146208	32.144	ug/l	99
40) Benzene	6.031	78	455151	42.460	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	87039	44.507	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	176885	46.280	ug/l	97
43) Isopropyl Acetate	6.348	43	277230	48.342	ug/l	96
44) Trichloroethene	7.123	130	122269	41.405	ug/l	94
45) 1,2-Dichloropropane	7.427	63	119703	44.293	ug/l	99
46) Dibromomethane	7.580	93	85333	45.980	ug/l	92
47) Bromodichloromethane	7.824	83	156370	45.731	ug/l	98
48) Methyl methacrylate	7.696	41	130744	46.477	ug/l	91
49) 1,4-Dioxane	7.757	88	53252	776.613	ug/l #	79
51) 4-Methyl-2-Pentanone	8.580	43	464470	131.830	ug/l #	50
52) Toluene	8.714	92	325237	47.866	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	176468	49.418	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	192547	47.705	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	121760	44.951	ug/l	97
56) Ethyl methacrylate	9.122	69	187658	46.506	ug/l	89
57) 1,3-Dichloropropane	9.305	76	206862	44.649	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	461637	228.802	ug/l	94
59) 2-Hexanone	9.464	43	557546	210.646	ug/l	93
60) Dibromochloromethane	9.525	129	123022	47.402	ug/l	100
61) 1,2-Dibromoethane	9.610	107	129509	46.379	ug/l	99
64) Tetrachloroethene	9.268	164	96238	36.393	ug/l	98
65) Chlorobenzene	10.079	112	312506	41.823	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	121135	46.582	ug/l	97
67) Ethyl Benzene	10.195	91	546450	42.229	ug/l	100
68) m/p-Xylenes	10.299	106	421269	84.960	ug/l	99
69) o-Xylene	10.640	106	213005	43.808	ug/l	99
70) Styrene	10.658	104	347218	44.043	ug/l	98
71) Bromoform	10.811	173	83617	46.227	ug/l	99
73) Isopropylbenzene	10.963	105	514216	42.470	ug/l	99
74) N-amyl acetate	10.854	43	224906	49.429	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.219	83	176707	47.022	ug/l	99
76) 1,2,3-Trichloropropane	11.250	75	153421m	46.435	ug/l	
77) Bromobenzene	11.201	156	135261	44.942	ug/l	92
78) n-propylbenzene	11.305	91	596569	42.902	ug/l	100
79) 2-Chlorotoluene	11.366	91	376889	43.374	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	488433	47.843	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	46309	45.395	ug/l	97
82) 4-Chlorotoluene	11.457	91	419080	42.941	ug/l	99
83) tert-Butylbenzene	11.713	119	432715	42.243	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	606500	59.126	ug/l	99
85) sec-Butylbenzene	11.890	105	512561	40.794	ug/l	99
86) p-Isopropyltoluene	12.012	119	450569	42.163	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	242069	42.323	ug/l	97
88) 1,4-Dichlorobenzene	12.048	146	243388	40.586	ug/l	98
89) n-Butylbenzene	12.335	91	444693	49.295	ug/l #	86
90) Hexachloroethane	12.542	117	87100	53.245	ug/l	90
91) 1,2-Dichlorobenzene	12.341	146	237284	41.479	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39539	52.470	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	153401	42.661	ug/l	95
94) Hexachlorobutadiene	13.725	225	77052	48.825	ug/l	99
95) Naphthalene	13.780	128	736814	66.561	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	152439	42.113	ug/l	97

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

