

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052322\
 Data File : VX028890.D
 Acq On : 23 May 2022 13:35
 Operator : JC/MD
 Sample : VX0523MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/24/2022
 Supervised By : Mahesh Dadoda 05/24/2022

Quant Time: May 23 16:02:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	276941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	448621	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	408384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	206753	54.463	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.920%			
35) Dibromofluoromethane	5.391	113	163713	55.698	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.400%			
50) Toluene-d8	8.647	98	589296	53.177	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.360%			
62) 4-Bromofluorobenzene	11.079	95	234964	56.767	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 113.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	72334	19.947	ug/l	100
3) Chloromethane	1.294	50	61712	18.070	ug/l	99
4) Vinyl Chloride	1.374	62	67679	18.390	ug/l	99
5) Bromomethane	1.605	94	70660	24.307	ug/l	100
6) Chloroethane	1.685	64	44478	17.767	ug/l	99
7) Trichlorofluoromethane	1.886	101	110627	18.854	ug/l	96
8) Diethyl Ether	2.130	74	39303	18.383	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	63756	20.648	ug/l	97
10) Methyl Iodide	2.453	142	56066	15.167	ug/l	93
11) Tert butyl alcohol	2.953	59	87973	104.555	ug/l	97
12) 1,1-Dichloroethene	2.319	96	56130	19.583	ug/l	97
13) Acrolein	2.233	56	21560	34.601	ug/l	97
14) Allyl chloride	2.666	41	90884	19.770	ug/l	91
15) Acrylonitrile	3.062	53	185898	101.637	ug/l	98
16) Acetone	2.380	43	178240	109.400	ug/l	91
17) Carbon Disulfide	2.514	76	128836	17.340	ug/l	97
18) Methyl Acetate	2.703	43	86518	21.202	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	213906	21.031	ug/l	98
20) Methylene Chloride	2.788	84	67658	19.794	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	61978	19.197	ug/l	97
22) Diisopropyl ether	3.757	45	196890	20.042	ug/l #	81
23) Vinyl Acetate	3.721	43	856860	101.178	ug/l	98
24) 1,1-Dichloroethane	3.611	63	116987	20.484	ug/l	99
25) 2-Butanone	4.556	43	263432	103.008	ug/l	96
26) 2,2-Dichloropropane	4.471	77	96294	21.504	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	75654	20.064	ug/l	99
28) Bromochloromethane	4.904	49	44508	18.515	ug/l	98
29) Tetrahydrofuran	5.007	42	161137	96.934	ug/l	96
30) Chloroform	5.093	83	129054	20.879	ug/l	100
31) Cyclohexane	5.471	56	96789	18.368	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	113103	20.961	ug/l	100
36) 1,1-Dichloropropene	5.696	75	87507	19.821	ug/l	99
37) Ethyl Acetate	4.715	43	98061	21.266	ug/l	98
38) Carbon Tetrachloride	5.684	117	99467	22.388	ug/l	96
39) Methylcyclohexane	7.379	83	104954	20.730	ug/l	93
40) Benzene	6.037	78	259630	20.463	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	51464	20.815	ug/l	92
42) 1,2-Dichloroethane	6.092	62	104286	22.283	ug/l	97
43) Isopropyl Acetate	6.342	43	151044	20.938	ug/l	97
44) Trichloroethene	7.129	130	73356	21.318	ug/l	95
45) 1,2-Dichloropropane	7.434	63	66690	21.067	ug/l	97
46) Dibromomethane	7.580	93	49910	21.112	ug/l	96
47) Bromodichloromethane	7.824	83	97727	22.266	ug/l	98
48) Methyl methacrylate	7.696	41	75519	21.671	ug/l	88
49) 1,4-Dioxane	7.659	88	36114	414.827	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	510876	107.514	ug/l	94
52) Toluene	8.720	92	171683	21.035	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	97816	20.366	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	106381	21.541	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	72906	21.906	ug/l	98
56) Ethyl methacrylate	9.116	69	109991	21.824	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	119555	21.298	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	256338	103.885	ug/l	98
59) 2-Hexanone	9.433	43	396522	107.407	ug/l	92
60) Dibromochloromethane	9.525	129	73799	22.736	ug/l	97
61) 1,2-Dibromoethane	9.610	107	75972	21.734	ug/l	99
64) Tetrachloroethene	9.275	164	67674	21.944	ug/l	96
65) Chlorobenzene	10.079	112	187834	21.681	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	70884	23.097	ug/l	99
67) Ethyl Benzene	10.195	91	338609	21.805	ug/l	99
68) m/p-Xylenes	10.305	106	261794	43.302	ug/l	97
69) o-Xylene	10.640	106	128308	21.556	ug/l	96
70) Styrene	10.659	104	211569	21.887	ug/l	97
71) Bromoform	10.799	173	51968	21.527	ug/l #	99
73) Isopropylbenzene	10.963	105	343053	21.597	ug/l	99
74) N-amyl acetate	10.841	43	124299	19.907	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	114812	21.069	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	108162m	22.050	ug/l	
77) Bromobenzene	11.201	156	81142	21.589	ug/l	95
78) n-propylbenzene	11.305	91	389474	21.197	ug/l	100
79) 2-Chlorotoluene	11.366	91	240466	21.353	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	289285	21.856	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	29923	20.659	ug/l #	81
82) 4-Chlorotoluene	11.457	91	278669	21.405	ug/l	99
83) tert-Butylbenzene	11.719	119	285915	22.311	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	291066	21.930	ug/l	99
85) sec-Butylbenzene	11.890	105	349617	22.117	ug/l	100
86) p-Isopropyltoluene	12.012	119	298817	22.528	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	156790	21.268	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	156715	20.495	ug/l	97
89) n-Butylbenzene	12.335	91	249870	21.741	ug/l	98
90) Hexachloroethane	12.542	117	46790	21.813	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	155781	21.511	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26728	22.970	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	93952	22.462	ug/l	99
94) Hexachlorobutadiene	13.725	225	39773	23.406	ug/l	95
95) Naphthalene	13.780	128	335172	22.518	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	93071	22.154	ug/l	97

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

