

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
 Data File : VX032875.D
 Acq On : 16 Nov 2022 17:57
 Operator : JC/MD
 Sample : VX1116MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2022
 Supervised By : Mahesh Dadoda 11/17/2022

Quant Time: Nov 17 05:43:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	94140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	148354	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65609	50.158	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.320%			
35) Dibromofluoromethane	5.385	113	54856	51.838	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.680%			
50) Toluene-d8	8.647	98	177206	48.158	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.320%			
62) 4-Bromofluorobenzene	11.079	95	71005	49.399	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	17792	16.387	ug/l	96
3) Chloromethane	1.295	50	14726	16.037	ug/l	93
4) Vinyl Chloride	1.374	62	17408	17.226	ug/l	99
5) Bromomethane	1.618	94	12849	15.910	ug/l	98
6) Chloroethane	1.691	64	15867	23.404	ug/l	99
7) Trichlorofluoromethane	1.886	101	35358	18.466	ug/l	99
8) Diethyl Ether	2.130	74	12032	19.390	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	19787	19.579	ug/l	98
10) Methyl Iodide	2.453	142	18143	17.438	ug/l	99
11) Tert butyl alcohol	2.995	59	17678m	92.854	ug/l	
12) 1,1-Dichloroethene	2.319	96	16813	17.809	ug/l	92
13) Acrolein	2.239	56	20677	108.790	ug/l	98
14) Allyl chloride	2.666	41	26950	17.907	ug/l	97
15) Acrylonitrile	3.069	53	48574	94.009	ug/l	100
16) Acetone	2.386	43	41988	88.318	ug/l	98
17) Carbon Disulfide	2.514	76	30322	13.484	ug/l	100
18) Methyl Acetate	2.703	43	31785	20.560	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	65783	19.825	ug/l	98
20) Methylene Chloride	2.788	84	21507	19.730	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	18572	18.072	ug/l	95
22) Diisopropyl ether	3.757	45	65201	20.030	ug/l #	85
23) Vinyl Acetate	3.721	43	237868	90.445	ug/l	100
24) 1,1-Dichloroethane	3.611	63	37276	19.908	ug/l	99
25) 2-Butanone	4.562	43	66306	90.022	ug/l	99
26) 2,2-Dichloropropane	4.477	77	26797	18.004	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	23768	20.009	ug/l	98
28) Bromochloromethane	4.904	49	12097	18.138	ug/l	98
29) Tetrahydrofuran	5.013	42	41508	88.376	ug/l	99
30) Chloroform	5.099	83	43167	21.010	ug/l	95
31) Cyclohexane	5.477	56	27386	17.267	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	36595	19.849	ug/l	98
36) 1,1-Dichloropropene	5.690	75	27529	18.681	ug/l	99
37) Ethyl Acetate	4.721	43	26020	16.963	ug/l	97
38) Carbon Tetrachloride	5.678	117	30525	18.676	ug/l	99
39) Methylcyclohexane	7.379	83	30762	17.643	ug/l	98
40) Benzene	6.038	78	81794	19.614	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	15416	19.729	ug/l	98
42) 1,2-Dichloroethane	6.092	62	34346	20.148	ug/l	100
43) Isopropyl Acetate	6.342	43	43474	18.459	ug/l	99
44) Trichloroethene	7.129	130	23291	19.840	ug/l	97
45) 1,2-Dichloropropane	7.428	63	21513	20.097	ug/l	97
46) Dibromomethane	7.580	93	16221	19.759	ug/l	99
47) Bromodichloromethane	7.824	83	31182	20.041	ug/l	98
48) Methyl methacrylate	7.690	41	22227	18.273	ug/l	98
49) 1,4-Dioxane	7.702	88	8530	367.978	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	142922	96.343	ug/l	100
52) Toluene	8.720	92	53768	19.762	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	28417	17.900	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	31733	18.689	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	24186	21.108	ug/l	97
56) Ethyl methacrylate	9.116	69	31654	19.197	ug/l	98
57) 1,3-Dichloropropane	9.311	76	37630	20.337	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	78513	98.888	ug/l	99
59) 2-Hexanone	9.433	43	103080	93.645	ug/l	100
60) Dibromochloromethane	9.519	129	24348	19.455	ug/l	96
61) 1,2-Dibromoethane	9.610	107	23598	19.437	ug/l	99
64) Tetrachloroethene	9.275	164	19428	19.912	ug/l	96
65) Chlorobenzene	10.080	112	60856	20.380	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	22432	19.961	ug/l	99
67) Ethyl Benzene	10.195	91	106662	19.975	ug/l	99
68) m/p-Xylenes	10.305	106	81814	39.458	ug/l	100
69) o-Xylene	10.640	106	40100	19.891	ug/l	99
70) Styrene	10.659	104	68198	20.355	ug/l	99
71) Bromoform	10.799	173	16711	18.807	ug/l #	99
73) Isopropylbenzene	10.964	105	111783	20.390	ug/l	99
74) N-amyl acetate	10.842	43	36965	17.845	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	35156	19.978	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30402m	19.752	ug/l	
77) Bromobenzene	11.201	156	27904	20.762	ug/l	96
78) n-propylbenzene	11.305	91	123223	19.509	ug/l	100
79) 2-Chlorotoluene	11.366	91	75664	20.003	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	92561	19.755	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7381	15.259	ug/l #	85
82) 4-Chlorotoluene	11.457	91	87120	19.683	ug/l	100
83) tert-Butylbenzene	11.713	119	94345	20.169	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	92867	19.928	ug/l	99
85) sec-Butylbenzene	11.890	105	111475	19.805	ug/l	100
86) p-Isopropyltoluene	12.012	119	93269	19.528	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	49926	19.693	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	50772	19.304	ug/l	100
89) n-Butylbenzene	12.335	91	77463	18.643	ug/l	99
90) Hexachloroethane	12.543	117	13666	17.518	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	50900	20.361	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6541	16.953	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	31404	19.266	ug/l	96
94) Hexachlorobutadiene	13.725	225	13048	19.167	ug/l	99
95) Naphthalene	13.774	128	101082	18.611	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	30720	18.541	ug/l	98

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

