

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103122\
 Data File : VX032495.D
 Acq On : 31 Oct 2022 18:03
 Operator : JC/MD
 Sample : VX1031MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1031MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2022
 Supervised By : Mahesh Dadoda 11/01/2022

Quant Time: Nov 01 05:14:40 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	5.556	168	105997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	167677	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77237	52.442	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.880%			
35) Dibromofluoromethane	5.391	113	61154	51.130	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.260%			
50) Toluene-d8	8.653	98	211986	50.971	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.940%			
62) 4-Bromofluorobenzene	11.079	95	81561	50.204	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.400%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	25857	21.151	ug/l	98
3) Chloromethane	1.294	50	21070	20.380	ug/l	97
4) Vinyl Chloride	1.373	62	23160	20.354	ug/l	99
5) Bromomethane	1.605	94	19702	21.667	ug/l	96
6) Chloroethane	1.684	64	14397	18.861	ug/l	97
7) Trichlorofluoromethane	1.892	101	43729	20.283	ug/l	96
8) Diethyl Ether	2.135	74	14271	20.426	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	22859	20.088	ug/l	99
10) Methyl Iodide	2.452	142	24655	20.649	ug/l	99
11) Tert butyl alcohol	2.958	59	20336	94.866	ug/l	99
12) 1,1-Dichloroethene	2.318	96	20637	19.414	ug/l	92
13) Acrolein	2.233	56	27807	129.938	ug/l	100
14) Allyl chloride	2.666	41	33664	19.866	ug/l	99
15) Acrylonitrile	3.062	53	55478	95.361	ug/l	100
16) Acetone	2.379	43	50021	93.446	ug/l	100
17) Carbon Disulfide	2.513	76	49677	19.620	ug/l	100
18) Methyl Acetate	2.702	43	34907	20.053	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	75279	20.149	ug/l	99
20) Methylene Chloride	2.794	84	24870	20.263	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	22199	19.185	ug/l	99
22) Diisopropyl ether	3.757	45	71610	19.538	ug/l #	82
23) Vinyl Acetate	3.721	43	290691	98.166	ug/l	100
24) 1,1-Dichloroethane	3.611	63	42602	20.207	ug/l	98
25) 2-Butanone	4.556	43	76289	91.989	ug/l	100
26) 2,2-Dichloropropane	4.476	77	30722	18.332	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	26924	20.131	ug/l	99
28) Bromochloromethane	4.897	49	14960	19.922	ug/l	99
29) Tetrahydrofuran	5.007	42	50255	95.031	ug/l	99
30) Chloroform	5.092	83	46409	20.061	ug/l	99
31) Cyclohexane	5.470	56	34829	19.504	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	42505	20.475	ug/l	99
36) 1,1-Dichloropropene	5.696	75	32699	19.632	ug/l	99
37) Ethyl Acetate	4.714	43	30704	17.710	ug/l	100
38) Carbon Tetrachloride	5.678	117	37232	20.154	ug/l	95
39) Methylcyclohexane	7.385	83	38539	19.557	ug/l	97
40) Benzene	6.043	78	92412	19.607	ug/l	97

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41) Methacrylonitrile	4.915	41	17188	19.461	ug/l	99
42) 1,2-Dichloroethane	6.092	62	39189	20.340	ug/l	100
43) Isopropyl Acetate	6.342	43	51283	19.265	ug/l	100
44) Trichloroethene	7.128	130	26251	19.785	ug/l	96
45) 1,2-Dichloropropane	7.427	63	24034	19.864	ug/l	95
46) Dibromomethane	7.580	93	18876	20.343	ug/l	100
47) Bromodichloromethane	7.823	83	36125	20.542	ug/l	97
48) Methyl methacrylate	7.695	41	26340	19.159	ug/l	97
49) 1,4-Dioxane	7.671	88	10022	382.519	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	159398	95.067	ug/l	99
52) Toluene	8.720	92	61556	20.018	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	35098	19.561	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	37431	19.504	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	25189	19.450	ug/l	98
56) Ethyl methacrylate	9.116	69	36945	19.824	ug/l	98
57) 1,3-Dichloropropane	9.311	76	40926	19.569	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	91517	101.984	ug/l	99
59) 2-Hexanone	9.433	43	119652	96.174	ug/l	99
60) Dibromochloromethane	9.524	129	27671	19.562	ug/l	100
61) 1,2-Dibromoethane	9.610	107	27101	19.750	ug/l	99
64) Tetrachloroethene	9.274	164	22608	20.414	ug/l	96
65) Chlorobenzene	10.079	112	66921	19.744	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	25297	19.831	ug/l	99
67) Ethyl Benzene	10.195	91	119814	19.768	ug/l	98
68) m/p-Xylenes	10.305	106	91612	38.924	ug/l	98
69) o-Xylene	10.640	106	45132	19.723	ug/l	99
70) Styrene	10.658	104	75025	19.728	ug/l	99
71) Bromoform	10.799	173	19975	19.805	ug/l #	99
73) Isopropylbenzene	10.963	105	122341	19.894	ug/l	100
74) N-amyl acetate	10.841	43	46101	19.840	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	38107	19.305	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	33502m	19.404	ug/l	
77) Bromobenzene	11.201	156	30090	19.958	ug/l	99
78) n-propylbenzene	11.305	91	137871	19.459	ug/l	99
79) 2-Chlorotoluene	11.366	91	83226	19.614	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	104782	19.936	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9535	17.573	ug/l	94
82) 4-Chlorotoluene	11.457	91	96845	19.505	ug/l	99
83) tert-Butylbenzene	11.719	119	104126	19.844	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	103842	19.865	ug/l	100
85) sec-Butylbenzene	11.890	105	124599	19.734	ug/l	99
86) p-Isopropyltoluene	12.012	119	106828	19.940	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	55533	19.527	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	56971	19.310	ug/l	99
89) n-Butylbenzene	12.335	91	88647	19.019	ug/l	100
90) Hexachloroethane	12.536	117	17795	20.335	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	56333	20.089	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	8221	18.995	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	35643	19.494	ug/l	98
94) Hexachlorobutadiene	13.725	225	14878	19.483	ug/l	98
95) Naphthalene	13.780	128	121640	19.966	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	35894	19.312	ug/l	100

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

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