

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032023\
 Data File : VX034623.D
 Acq On : 20 Mar 2023 13:22
 Operator : JC/MD
 Sample : VX0320MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2023
 Supervised By : Mahesh Dadoda 03/21/2023

Quant Time: Mar 21 01:40:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	285069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	478284	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	428840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	212823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	236327	56.985	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.980%			
35) Dibromofluoromethane	5.385	113	169892	53.800	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.600%			
50) Toluene-d8	8.647	98	607985	51.574	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.140%			
62) 4-Bromofluorobenzene	11.079	95	247553	51.989	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	71924	27.064	ug/l	99
3) Chloromethane	1.307	50	81113	19.344	ug/l	96
4) Vinyl Chloride	1.374	62	77370	21.381	ug/l	98
5) Bromomethane	1.599	94	49859	27.308	ug/l	98
6) Chloroethane	1.685	64	47167	22.638	ug/l	100
7) Trichlorofluoromethane	1.886	101	108855	20.020	ug/l	98
8) Diethyl Ether	2.130	74	41730	21.024	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	64480	20.349	ug/l	99
10) Methyl Iodide	2.453	142	83172	19.992	ug/l	90
11) Tert butyl alcohol	2.959	59	82767	95.837	ug/l	98
12) 1,1-Dichloroethene	2.319	96	58939	18.886	ug/l	85
13) Acrolein	2.233	56	63979	93.645	ug/l	98
14) Allyl chloride	2.666	41	122844	19.416	ug/l	96
15) Acrylonitrile	3.062	53	190416	102.068	ug/l	99
16) Acetone	2.374	43	190012	97.266	ug/l	92
17) Carbon Disulfide	2.508	76	153742	17.506	ug/l	100
18) Methyl Acetate	2.703	43	139552	21.863	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	230109	20.594	ug/l	98
20) Methylene Chloride	2.788	84	71582	18.880	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	65692	19.821	ug/l	97
22) Diisopropyl ether	3.757	45	240539	19.940	ug/l	97
23) Vinyl Acetate	3.721	43	894253	97.407	ug/l	99
24) 1,1-Dichloroethane	3.611	63	130452	20.118	ug/l	97
25) 2-Butanone	4.550	43	274371	98.157	ug/l	99
26) 2,2-Dichloropropane	4.477	77	110163	19.545	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	77270	19.367	ug/l	96
28) Bromochloromethane	4.904	49	61148	20.281	ug/l	99
29) Tetrahydrofuran	5.001	42	173921	100.834	ug/l	100
30) Chloroform	5.093	83	132441	20.836	ug/l	99
31) Cyclohexane	5.464	56	115720	19.896	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	120701	21.450	ug/l	100
36) 1,1-Dichloropropene	5.690	75	98700	20.349	ug/l	98
37) Ethyl Acetate	4.715	43	106314	20.064	ug/l	99
38) Carbon Tetrachloride	5.678	117	102652	21.274	ug/l	98
39) Methylcyclohexane	7.379	83	116764	20.116	ug/l	97
40) Benzene	6.037	78	279753	19.716	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	58085	20.002	ug/l	97
42) 1,2-Dichloroethane	6.086	62	117861	22.602	ug/l	98
43) Isopropyl Acetate	6.342	43	176875	19.704	ug/l	99
44) Trichloroethene	7.129	130	71023	19.265	ug/l	90
45) 1,2-Dichloropropane	7.428	63	72556	19.584	ug/l	99
46) Dibromomethane	7.580	93	50033	19.865	ug/l	100
47) Bromodichloromethane	7.824	83	97981	20.100	ug/l	99
48) Methyl methacrylate	7.696	41	90314	20.919	ug/l	95
49) 1,4-Dioxane	7.659	88	37663	415.349	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	537226	103.167	ug/l	99
52) Toluene	8.720	92	175673	19.998	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	103970	18.932	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	115072	19.367	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	70771	20.300	ug/l	98
56) Ethyl methacrylate	9.116	69	113110	19.761	ug/l	98
57) 1,3-Dichloropropane	9.311	76	124745	20.133	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	283025	95.944	ug/l	98
59) 2-Hexanone	9.427	43	410245	101.915	ug/l	99
60) Dibromochloromethane	9.519	129	69522	19.014	ug/l	99
61) 1,2-Dibromoethane	9.610	107	75760	20.138	ug/l	98
64) Tetrachloroethene	9.275	164	58799	20.412	ug/l	93
65) Chlorobenzene	10.079	112	187143	19.890	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	68192	19.899	ug/l	98
67) Ethyl Benzene	10.195	91	344212	20.435	ug/l	98
68) m/p-Xylenes	10.299	106	261600	40.429	ug/l	97
69) o-Xylene	10.640	106	126902	19.543	ug/l	94
70) Styrene	10.653	104	212020	20.237	ug/l	98
71) Bromoform	10.799	173	46937	17.793	ug/l #	100
73) Isopropylbenzene	10.963	105	339824	20.660	ug/l	98
74) N-amyl acetate	10.842	43	154473	19.607	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	109719	19.989	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	93473m	19.128	ug/l	
77) Bromobenzene	11.195	156	78963	20.009	ug/l	99
78) n-propylbenzene	11.305	91	390853	20.575	ug/l	99
79) 2-Chlorotoluene	11.366	91	242158	20.641	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	287741	20.856	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	29709	16.447	ug/l	90
82) 4-Chlorotoluene	11.457	91	280921	20.788	ug/l	99
83) tert-Butylbenzene	11.713	119	287162	20.644	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	293831	20.839	ug/l	98
85) sec-Butylbenzene	11.890	105	348954	20.519	ug/l	99
86) p-Isopropyltoluene	12.012	119	292457	20.462	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	149728	19.364	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	153096	19.581	ug/l	99
89) n-Butylbenzene	12.335	91	251971	19.831	ug/l	99
90) Hexachloroethane	12.542	117	47606	18.001	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	149132	19.957	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25228	20.230	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	92099	19.709	ug/l	99
94) Hexachlorobutadiene	13.725	225	38205	20.294	ug/l	98
95) Naphthalene	13.774	128	315620	20.142	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	90441	19.799	ug/l	98

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

