

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040524\
 Data File : VX040907.D
 Acq On : 05 Apr 2024 16:32
 Operator : JC/MD
 Sample : VX0405MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/08/2024
 Supervised By : Mahesh Dadoda 04/08/2024

Quant Time: Apr 05 23:22:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	50346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	89041	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	82111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	49679	54.994	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.980%			
35) Dibromofluoromethane	5.385	113	33196	52.636	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.280%			
50) Toluene-d8	8.646	98	109102	47.874	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.740%			
62) 4-Bromofluorobenzene	11.079	95	43140	47.402	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	12350	18.098	ug/l	88
3) Chloromethane	1.300	50	13485	22.874	ug/l	98
4) Vinyl Chloride	1.373	62	13384	21.994	ug/l	95
5) Bromomethane	1.611	94	9759	26.067	ug/l	93
6) Chloroethane	1.690	64	8976	22.882	ug/l	98
7) Trichlorofluoromethane	1.892	101	21179	18.181	ug/l	99
8) Diethyl Ether	2.135	74	8302	22.054	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	10115	16.843	ug/l	98
10) Methyl Iodide	2.452	142	14719	20.205	ug/l	98
11) Tert butyl alcohol	2.952	59	15252	92.479	ug/l #	91
12) 1,1-Dichloroethene	2.318	96	9852	17.491	ug/l	93
13) Acrolein	2.239	56	8875	98.581	ug/l	95
14) Allyl chloride	2.666	41	19707	19.531	ug/l	90
15) Acrylonitrile	3.062	53	36108	103.785	ug/l	99
16) Acetone	2.379	43	37234	106.152	ug/l	98
17) Carbon Disulfide	2.513	76	25173	15.449	ug/l	100
18) Methyl Acetate	2.702	43	17629	21.185	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	41825	21.096	ug/l	99
20) Methylene Chloride	2.794	84	12819	19.721	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	10960	18.423	ug/l	95
22) Diisopropyl ether	3.763	45	42133	21.457	ug/l	92
23) Vinyl Acetate	3.721	43	196378	104.345	ug/l	99
24) 1,1-Dichloroethane	3.611	63	22357	19.929	ug/l	97
25) 2-Butanone	4.556	43	52046	99.886	ug/l	99
26) 2,2-Dichloropropane	4.476	77	16790	17.433	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	13396	19.500	ug/l	98
28) Bromochloromethane	4.897	49	10092	20.007	ug/l	98
29) Tetrahydrofuran	5.001	42	33792	99.779	ug/l	99
30) Chloroform	5.092	83	24728	20.251	ug/l	93
31) Cyclohexane	5.476	56	16080	16.775	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	20597	18.982	ug/l	97
36) 1,1-Dichloropropene	5.696	75	14677	16.378	ug/l	97
37) Ethyl Acetate	4.714	43	21678	19.700	ug/l	96
38) Carbon Tetrachloride	5.677	117	15926	16.054	ug/l	97
39) Methylcyclohexane	7.385	83	16157	15.090	ug/l	99
40) Benzene	6.043	78	45434	18.267	ug/l	99

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41) Methacrylonitrile	4.922	41	11218	19.851	ug/l	94
42) 1,2-Dichloroethane	6.086	62	21190	19.616	ug/l	96
43) Isopropyl Acetate	6.336	43	33149	19.507	ug/l	98
44) Trichloroethene	7.122	130	13550	21.813	ug/l	92
45) 1,2-Dichloropropane	7.427	63	11785	19.849	ug/l	96
46) Dibromomethane	7.580	93	9373	19.260	ug/l	99
47) Bromodichloromethane	7.823	83	18611	18.381	ug/l	99
48) Methyl methacrylate	7.695	41	17292	20.780	ug/l	97
49) 1,4-Dioxane	7.659	88	5515	347.292	ug/l #	97
51) 4-Methyl-2-Pentanone	8.573	43	112916	100.173	ug/l	96
52) Toluene	8.720	92	32543	20.736	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	18165	18.121	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	18547	18.473	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	12158	19.851	ug/l	95
56) Ethyl methacrylate	9.116	69	20396	19.394	ug/l #	91
57) 1,3-Dichloropropane	9.305	76	21208	19.800	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	50435	98.924	ug/l	96
59) 2-Hexanone	9.427	43	87676	96.984	ug/l	95
60) Dibromochloromethane	9.518	129	13263	18.140	ug/l	99
61) 1,2-Dibromoethane	9.610	107	12640	19.129	ug/l	98
64) Tetrachloroethene	9.274	164	9100	16.747	ug/l	96
65) Chlorobenzene	10.079	112	31151	17.347	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.164	131	10837	18.181	ug/l	99
67) Ethyl Benzene	10.195	91	55560	17.349	ug/l	97
68) m/p-Xylenes	10.299	106	41606	35.707	ug/l	92
69) o-Xylene	10.640	106	19909	18.136	ug/l	92
70) Styrene	10.652	104	33823	17.781	ug/l	97
71) Bromoform	10.799	173	8896	17.692	ug/l #	98
73) Isopropylbenzene	10.963	105	50507	17.756	ug/l	100
74) N-amyl acetate	10.841	43	29776	20.667	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	20033	20.597	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	17306m	19.927	ug/l	
77) Bromobenzene	11.195	156	12796	19.176	ug/l	100
78) n-propylbenzene	11.305	91	61655	17.343	ug/l	98
79) 2-Chlorotoluene	11.366	91	36911	17.398	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	43869	18.057	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	5405	16.791	ug/l	92
82) 4-Chlorotoluene	11.451	91	45468	17.950	ug/l	98
83) tert-Butylbenzene	11.713	119	41624	17.270	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	45168	18.455	ug/l	99
85) sec-Butylbenzene	11.890	105	52629	17.193	ug/l	99
86) p-Isopropyltoluene	12.006	119	45212	17.610	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	23550	17.460	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	24082	16.827	ug/l	98
89) n-Butylbenzene	12.329	91	42633	16.808	ug/l	95
90) Hexachloroethane	12.536	117	7154	15.996	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	23921	18.097	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	5004	20.022	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	15748	17.185	ug/l	98
94) Hexachlorobutadiene	13.725	225	5277	15.032	ug/l	97
95) Naphthalene	13.774	128	57799	19.589	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	15393	17.608	ug/l	97

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

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