

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040524\
 Data File : VX040908.D
 Acq On : 05 Apr 2024 16:54
 Operator : JC/MD
 Sample : VX0405MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 23 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 23:23:31 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	5.550	168	40512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	72377	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	66667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	32868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	41360	56.899	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.800%			
35) Dibromofluoromethane	5.385	113	27628	53.893	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.780%			
50) Toluene-d8	8.647	98	89947	48.556	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.120%			
62) 4-Bromofluorobenzene	11.079	95	35957	48.606	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.220%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	10154	18.492	ug/l	98
3) Chloromethane	1.301	50	11539	24.325	ug/l	98
4) Vinyl Chloride	1.374	62	11298	23.072	ug/l	94
5) Bromomethane	1.612	94	8525	28.299	ug/l	97
6) Chloroethane	1.691	64	7454	23.615	ug/l	97
7) Trichlorofluoromethane	1.892	101	17927	19.125	ug/l	100
8) Diethyl Ether	2.136	74	7041	23.244	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	8822	18.256	ug/l	99
10) Methyl Iodide	2.453	142	11915	20.326	ug/l	95
11) Tert butyl alcohol	2.953	59	13692	103.172	ug/l #	93
12) 1,1-Dichloroethene	2.325	96	8720	19.240	ug/l	94
13) Acrolein	2.233	56	7476	103.199	ug/l	97
14) Allyl chloride	2.666	41	17092	21.052	ug/l	93
15) Acrylonitrile	3.062	53	32411	115.773	ug/l	96
16) Acetone	2.380	43	32780	116.139	ug/l	96
17) Carbon Disulfide	2.514	76	21502	16.399	ug/l	99
18) Methyl Acetate	2.703	43	16010	23.909	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	35435	22.212	ug/l	97
20) Methylene Chloride	2.788	84	10423	19.927	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	8875	18.539	ug/l	92
22) Diisopropyl ether	3.757	45	36194	22.907	ug/l	89
23) Vinyl Acetate	3.721	43	170785	112.775	ug/l	99
24) 1,1-Dichloroethane	3.617	63	19668	21.788	ug/l	98
25) 2-Butanone	4.556	43	47699	113.765	ug/l	98
26) 2,2-Dichloropropane	4.471	77	13878	17.907	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	11530	20.858	ug/l	99
28) Bromochloromethane	4.904	49	8483	20.900	ug/l	98
29) Tetrahydrofuran	5.001	42	31922	117.137	ug/l	98
30) Chloroform	5.093	83	21098	21.473	ug/l	93
31) Cyclohexane	5.477	56	14018	18.173	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	16898	19.354	ug/l	97
36) 1,1-Dichloropropene	5.696	75	12336	16.935	ug/l	98
37) Ethyl Acetate	4.715	43	19157	21.418	ug/l	97
38) Carbon Tetrachloride	5.678	117	13819	17.137	ug/l	98
39) Methylcyclohexane	7.379	83	14176	16.288	ug/l	92
40) Benzene	6.044	78	39047	19.314	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	10198	22.201	ug/l	96
42) 1,2-Dichloroethane	6.086	62	18166	20.688	ug/l	96
43) Isopropyl Acetate	6.336	43	30067	21.767	ug/l	96
44) Trichloroethene	7.123	130	11400	22.577	ug/l	95
45) 1,2-Dichloropropane	7.434	63	10030	20.782	ug/l	99
46) Dibromomethane	7.580	93	8158	20.623	ug/l	99
47) Bromodichloromethane	7.818	83	16178	19.656	ug/l	92
48) Methyl methacrylate	7.690	41	15021	22.206	ug/l	97
49) 1,4-Dioxane	7.659	88	5624	435.696	ug/l #	86
51) 4-Methyl-2-Pentanone	8.568	43	100296	109.463	ug/l	95
52) Toluene	8.720	92	26612	20.861	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	15677	19.185	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	16108	19.738	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	10274	20.638	ug/l	92
56) Ethyl methacrylate	9.116	69	17901	20.940	ug/l	93
57) 1,3-Dichloropropane	9.305	76	17743	20.378	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	43760	105.594	ug/l	97
59) 2-Hexanone	9.427	43	78461	106.773	ug/l	95
60) Dibromochloromethane	9.519	129	11313	19.036	ug/l	99
61) 1,2-Dibromoethane	9.610	107	11467	21.350	ug/l	95
64) Tetrachloroethene	9.275	164	7570	17.159	ug/l	97
65) Chlorobenzene	10.080	112	26763	18.356	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	9588	19.812	ug/l	97
67) Ethyl Benzene	10.195	91	47289	18.187	ug/l	97
68) m/p-Xylenes	10.299	106	35006	37.002	ug/l	92
69) o-Xylene	10.640	106	16513	18.528	ug/l	88
70) Styrene	10.653	104	28543	18.481	ug/l	96
71) Bromoform	10.799	173	7823	19.097	ug/l #	100
73) Isopropylbenzene	10.964	105	42949	18.709	ug/l	100
74) N-amyl acetate	10.842	43	25976	22.341	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	17061	21.736	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	15131m	21.589	ug/l	
77) Bromobenzene	11.195	156	10689	19.849	ug/l	100
78) n-propylbenzene	11.305	91	51354	17.900	ug/l	98
79) 2-Chlorotoluene	11.366	91	32367	18.904	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	37022	18.883	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	4890	18.824	ug/l	94
82) 4-Chlorotoluene	11.451	91	37899	18.540	ug/l	99
83) tert-Butylbenzene	11.713	119	35540	18.272	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	37670	19.072	ug/l	100
85) sec-Butylbenzene	11.890	105	44272	17.922	ug/l	100
86) p-Isopropyltoluene	12.006	119	37169	17.939	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	20322	18.670	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	21168	18.328	ug/l	97
89) n-Butylbenzene	12.329	91	36034	17.604	ug/l	97
90) Hexachloroethane	12.536	117	6156	17.056	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	19836	18.595	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4355	21.592	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	13325	18.018	ug/l	98
94) Hexachlorobutadiene	13.725	225	4612	16.280	ug/l	98
95) Naphthalene	13.774	128	49450	20.767	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	13383	18.969	ug/l	99

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

