

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020524\
 Data File : VX040108.D
 Acq On : 05 Feb 2024 12:14
 Operator : JC/MD
 Sample : VX0205MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/06/2024
 Supervised By : Mahesh Dadoda 02/06/2024

Quant Time: Feb 06 02:58:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	92729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	171845	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66216	44.370	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.740%		
35) Dibromofluoromethane	5.385	113	50768	43.399	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.800%		
50) Toluene-d8	8.647	98	192786	44.068	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.140%#		
62) 4-Bromofluorobenzene	11.079	95	75473	44.804	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	23406	22.410	ug/l	99
3) Chloromethane	1.295	50	17744	17.914	ug/l	97
4) Vinyl Chloride	1.374	62	15847	17.299	ug/l	99
5) Bromomethane	1.605	94	10552	11.849	ug/l	96
6) Chloroethane	1.685	64	9875	16.329	ug/l	97
7) Trichlorofluoromethane	1.886	101	21677	14.873	ug/l	92
8) Diethyl Ether	2.130	74	8578	16.647	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	21478	19.750	ug/l	99
10) Methyl Iodide	2.453	142	22499	19.435	ug/l	94
11) Tert butyl alcohol	2.953	59	27171	100.341	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	20127	19.298	ug/l	89
13) Acrolein	2.233	56	21102	81.337	ug/l	99
14) Allyl chloride	2.666	41	37858	20.137	ug/l	99
15) Acrylonitrile	3.063	53	69277	102.131	ug/l	99
16) Acetone	2.374	43	66526	95.140	ug/l	90
17) Carbon Disulfide	2.514	76	53829	17.652	ug/l	99
18) Methyl Acetate	2.703	43	40666	24.549	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	71788	20.093	ug/l	99
20) Methylene Chloride	2.788	84	23969	19.289	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	22601	19.677	ug/l	93
22) Diisopropyl ether	3.757	45	76358	20.968	ug/l	94
23) Vinyl Acetate	3.721	43	331473	101.709	ug/l	98
24) 1,1-Dichloroethane	3.611	63	42176	20.222	ug/l	99
25) 2-Butanone	4.556	43	93127	95.808	ug/l	96
26) 2,2-Dichloropropane	4.471	77	28979	17.807	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	25201	19.663	ug/l	92
28) Bromochloromethane	4.891	49	15964	16.415	ug/l	93
29) Tetrahydrofuran	5.001	42	59519	96.303	ug/l	98
30) Chloroform	5.093	83	42794	19.108	ug/l	98
31) Cyclohexane	5.471	56	32357	17.309	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	35270	18.351	ug/l	99
36) 1,1-Dichloropropene	5.690	75	30980	18.311	ug/l	99
37) Ethyl Acetate	4.715	43	33212	17.975	ug/l	99
38) Carbon Tetrachloride	5.672	117	28320	17.495	ug/l	92
39) Methylcyclohexane	7.379	83	36173	17.573	ug/l	97
40) Benzene	6.038	78	87379	17.733	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18620	19.872	ug/l	95
42) 1,2-Dichloroethane	6.086	62	33270	17.540	ug/l	96
43) Isopropyl Acetate	6.336	43	53601	18.396	ug/l	99
44) Trichloroethene	7.123	130	23244	17.925	ug/l	96
45) 1,2-Dichloropropane	7.428	63	23523	18.080	ug/l	94
46) Dibromomethane	7.580	93	17014	17.423	ug/l	99
47) Bromodichloromethane	7.824	83	31984	18.389	ug/l	96
48) Methyl methacrylate	7.690	41	26432	18.415	ug/l	92
49) 1,4-Dioxane	7.659	88	11696	374.989	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	198056	99.576	ug/l	99
52) Toluene	8.714	92	56661	18.449	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	32515	18.025	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	36403	18.912	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	24187	19.026	ug/l	95
56) Ethyl methacrylate	9.116	69	35487	19.116	ug/l	97
57) 1,3-Dichloropropane	9.305	76	39973	19.089	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	95821	102.644	ug/l	97
59) 2-Hexanone	9.427	43	153034	96.499	ug/l	99
60) Dibromochloromethane	9.519	129	23292	18.234	ug/l	98
61) 1,2-Dibromoethane	9.610	107	25309	18.414	ug/l	99
64) Tetrachloroethene	9.275	164	19866	18.766	ug/l	98
65) Chlorobenzene	10.080	112	61359	18.246	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	20949	18.446	ug/l	98
67) Ethyl Benzene	10.189	91	110825	18.367	ug/l	96
68) m/p-Xylenes	10.299	106	84297	37.136	ug/l	100
69) o-Xylene	10.640	106	40656	18.882	ug/l	100
70) Styrene	10.653	104	67696	18.654	ug/l	99
71) Bromoform	10.799	173	15634	17.942	ug/l #	99
73) Isopropylbenzene	10.964	105	108982	18.832	ug/l	99
74) N-amyl acetate	10.842	43	47637	18.022	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	38963	17.908	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	31499m	18.354	ug/l	
77) Bromobenzene	11.195	156	24868	18.629	ug/l	96
78) n-propylbenzene	11.305	91	132164	18.559	ug/l	100
79) 2-Chlorotoluene	11.360	91	78555	18.323	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	93261	18.747	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8409	17.161	ug/l	94
82) 4-Chlorotoluene	11.451	91	90074	18.305	ug/l	99
83) tert-Butylbenzene	11.713	119	88417	18.574	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	95268	19.192	ug/l	98
85) sec-Butylbenzene	11.890	105	115537	18.319	ug/l	99
86) p-Isopropyltoluene	12.006	119	93774	18.208	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	49491	18.378	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	50653	18.374	ug/l	99
89) n-Butylbenzene	12.329	91	87848	17.574	ug/l	97
90) Hexachloroethane	12.536	117	14105	17.732	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	48688	18.751	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8378	16.987	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	30210	18.612	ug/l	96
94) Hexachlorobutadiene	13.725	225	11417	17.857	ug/l	97
95) Naphthalene	13.774	128	104413	18.940	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	29361	18.295	ug/l	97

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

