

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071624\
 Data File : VX042336.D
 Acq On : 16 Jul 2024 12:14
 Operator : JC/MD
 Sample : VX0716MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/17/2024
 Supervised By : Mahesh Dadoda 07/17/2024

Quant Time: Jul 17 05:33:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	152679	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	213774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84125	47.782	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.560%		
35) Dibromofluoromethane	5.385	113	81895	53.991	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.980%		
50) Toluene-d8	8.646	98	268445	50.377	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.760%		
62) 4-Bromofluorobenzene	11.079	95	108896	55.437	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.880%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	21986	18.902	ug/l	96
3) Chloromethane	1.306	50	22903	15.695	ug/l	89
4) Vinyl Chloride	1.373	62	22752	15.554	ug/l	98
5) Bromomethane	1.599	94	13352	18.485	ug/l	93
6) Chloroethane	1.666	64	12191	18.082	ug/l	98
7) Trichlorofluoromethane	1.873	101	37291	19.458	ug/l	96
8) Diethyl Ether	2.135	74	14474	16.089	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.318	101	22668	17.171	ug/l #	85
10) Methyl Iodide	2.440	142	24807	15.118	ug/l #	86
11) Tert butyl alcohol	2.995	59	30126	90.163	ug/l #	91
12) 1,1-Dichloroethene	2.312	96	21433	16.276	ug/l #	78
13) Acrolein	2.239	56	22855	61.021	ug/l	100
14) Allyl chloride	2.660	41	34258	16.403	ug/l #	87
15) Acrylonitrile	3.074	53	79252	90.808	ug/l	98
16) Acetone	2.391	43	74361	96.189	ug/l #	85
17) Carbon Disulfide	2.501	76	44844	16.701	ug/l	98
18) Methyl Acetate	2.708	43	38230	18.128	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	79483	18.270	ug/l	99
20) Methylene Chloride	2.788	84	28431	16.796	ug/l	86
21) trans-1,2-Dichloroethene	3.086	96	23882	17.869	ug/l	86
22) Diisopropyl ether	3.769	45	77029	17.449	ug/l	86
23) Vinyl Acetate	3.727	43	332082	88.084	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	43862	17.742	ug/l	97
25) 2-Butanone	4.574	43	111933	93.067	ug/l	93
26) 2,2-Dichloropropane	4.470	77	35578	19.873	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	30231	18.060	ug/l	86
28) Bromochloromethane	4.897	49	19183	18.117	ug/l #	69
29) Tetrahydrofuran	5.019	42	69027	88.866	ug/l	91
30) Chloroform	5.092	83	46904	18.211	ug/l	97
31) Cyclohexane	5.464	56	34503	16.757	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	40302	18.727	ug/l	96
36) 1,1-Dichloropropene	5.690	75	30089	18.680	ug/l	95
37) Ethyl Acetate	4.726	43	40803	19.446	ug/l	98
38) Carbon Tetrachloride	5.671	117	34130	19.178	ug/l	95
39) Methylcyclohexane	7.378	83	38259	18.781	ug/l	90
40) Benzene	6.037	78	100744	18.545	ug/l	99

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41) Methacrylonitrile	4.928	41	21446	18.855	ug/l	90
42) 1,2-Dichloroethane	6.092	62	32686	18.679	ug/l	92
43) Isopropyl Acetate	6.348	43	58011	18.012	ug/l #	93
44) Trichloroethene	7.128	130	27634	18.977	ug/l	85
45) 1,2-Dichloropropane	7.433	63	24774	18.547	ug/l	99
46) Dibromomethane	7.586	93	18526	19.035	ug/l #	75
47) Bromodichloromethane	7.823	83	33343	18.660	ug/l	99
48) Methyl methacrylate	7.701	41	27638	17.981	ug/l #	84
49) 1,4-Dioxane	7.671	88	9741	254.668	ug/l #	86
51) 4-Methyl-2-Pentanone	8.579	43	209583	94.469	ug/l	95
52) Toluene	8.720	92	66259	19.154	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	33171	18.415	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	37146	18.988	ug/l #	85
55) 1,1,2-Trichloroethane	9.152	97	27968	19.407	ug/l	98
56) Ethyl methacrylate	9.122	69	41353	18.445	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	43565	18.711	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	107161	102.570	ug/l	90
59) 2-Hexanone	9.433	43	164476	96.796	ug/l	91
60) Dibromochloromethane	9.524	129	30071	19.210	ug/l	99
61) 1,2-Dibromoethane	9.610	107	28836	19.295	ug/l	97
64) Tetrachloroethene	9.274	164	28340	19.867	ug/l	89
65) Chlorobenzene	10.079	112	78427	19.248	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	27360	19.179	ug/l	97
67) Ethyl Benzene	10.195	91	122319	19.155	ug/l	98
68) m/p-Xylenes	10.305	106	98251	38.116	ug/l	92
69) o-Xylene	10.640	106	49238	19.294	ug/l	92
70) Styrene	10.658	104	83723	19.564	ug/l	93
71) Bromoform	10.798	173	24222	18.638	ug/l #	99
73) Isopropylbenzene	10.963	105	127020	18.651	ug/l	96
74) N-amyl acetate	10.847	43	49925	16.504	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	44211	17.459	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	37994m	18.686	ug/l	
77) Bromobenzene	11.201	156	37175	18.328	ug/l	77
78) n-propylbenzene	11.305	91	138258	18.710	ug/l	95
79) 2-Chlorotoluene	11.365	91	86977	18.269	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	108042	19.047	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	11870	16.579	ug/l	90
82) 4-Chlorotoluene	11.457	91	98032	18.627	ug/l	91
83) tert-Butylbenzene	11.713	119	117110	18.815	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	108147	19.003	ug/l	91
85) sec-Butylbenzene	11.890	105	135596	19.261	ug/l	95
86) p-Isopropyltoluene	12.012	119	117584	19.120	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	66083	18.536	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	67487	18.450	ug/l	96
89) n-Butylbenzene	12.335	91	89498	18.906	ug/l	97
90) Hexachloroethane	12.542	117	18544	17.711	ug/l #	55
91) 1,2-Dichlorobenzene	12.335	146	67817	18.590	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.944	75	8875	17.686	ug/l #	44
93) 1,2,4-Trichlorobenzene	13.591	180	44369	18.566	ug/l	96
94) Hexachlorobutadiene	13.725	225	23940	19.811	ug/l	98
95) Naphthalene	13.780	128	135297	17.344	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	47029	18.659	ug/l	96

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

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