

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062624\
 Data File : VX042048.D
 Acq On : 26 Jun 2024 13:13
 Operator : JC/MD
 Sample : VX0626MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626MBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/27/2024
 Supervised By :Mahesh Dadoda 06/27/2024

Quant Time: Jun 27 03:42:59 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	5.550	168	172935	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	246232	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86755	43.505	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.000%		
35) Dibromofluoromethane	5.385	113	81411	46.597	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.200%		
50) Toluene-d8	8.647	98	282916	46.094	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.180%		
62) 4-Bromofluorobenzene	11.079	95	107016	47.299	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	31039	23.559	ug/l	97
3) Chloromethane	1.301	50	33473	20.252	ug/l	97
4) Vinyl Chloride	1.374	62	32941	19.882	ug/l	97
5) Bromomethane	1.593	94	17080	20.877	ug/l	98
6) Chloroethane	1.666	64	16689	22.539	ug/l	98
7) Trichlorofluoromethane	1.874	101	48122	22.169	ug/l	98
8) Diethyl Ether	2.136	74	18518	18.174	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.319	101	30029	20.082	ug/l #	86
10) Methyl Iodide	2.441	142	39168	21.075	ug/l #	86
11) Tert butyl alcohol	2.989	59	38407	101.483	ug/l #	94
12) 1,1-Dichloroethene	2.307	96	29422	19.726	ug/l	85
13) Acrolein	2.240	56	46655	109.975	ug/l	96
14) Allyl chloride	2.660	41	46888	19.821	ug/l	88
15) Acrylonitrile	3.069	53	92644	93.719	ug/l	99
16) Acetone	2.392	43	73517	83.958	ug/l #	83
17) Carbon Disulfide	2.502	76	65174	21.430	ug/l	100
18) Methyl Acetate	2.709	43	38457	16.100	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	95239	19.327	ug/l	99
20) Methylene Chloride	2.788	84	35311	18.417	ug/l	87
21) trans-1,2-Dichloroethene	3.087	96	30256	19.987	ug/l	86
22) Diisopropyl ether	3.770	45	94836	18.966	ug/l	86
23) Vinyl Acetate	3.727	43	421025	98.596	ug/l	95
24) 1,1-Dichloroethane	3.605	63	54925	19.615	ug/l	96
25) 2-Butanone	4.568	43	124500	91.391	ug/l	93
26) 2,2-Dichloropropane	4.477	77	39809	19.632	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	36812	19.416	ug/l	85
28) Bromochloromethane	4.898	49	22141	18.461	ug/l #	72
29) Tetrahydrofuran	5.019	42	82080	93.294	ug/l	92
30) Chloroform	5.093	83	55873	19.153	ug/l	95
31) Cyclohexane	5.465	56	46043	19.743	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	48373	19.844	ug/l	95
36) 1,1-Dichloropropene	5.690	75	36546	19.698	ug/l	94
37) Ethyl Acetate	4.727	43	47639	19.712	ug/l	96
38) Carbon Tetrachloride	5.672	117	42111	20.543	ug/l	99
39) Methylcyclohexane	7.379	83	48560	20.696	ug/l	94
40) Benzene	6.038	78	125830	20.109	ug/l	100

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41) Methacrylonitrile	4.928	41	24621	18.793	ug/l	92
42) 1,2-Dichloroethane	6.086	62	39283	19.490	ug/l	91
43) Isopropyl Acetate	6.349	43	69143	18.638	ug/l #	93
44) Trichloroethene	7.129	130	34538	20.592	ug/l	82
45) 1,2-Dichloropropane	7.428	63	29836	19.392	ug/l	97
46) Dibromomethane	7.586	93	22035	19.656	ug/l #	76
47) Bromodichloromethane	7.824	83	39804	19.339	ug/l	99
48) Methyl methacrylate	7.696	41	34043	19.229	ug/l #	84
49) 1,4-Dioxane	7.671	88	12175	274.648	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	245709	96.154	ug/l	95
52) Toluene	8.720	92	81214	20.382	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	38619	18.602	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	45007	19.973	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	33242	20.026	ug/l	96
56) Ethyl methacrylate	9.116	69	49978	19.354	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	52686	19.646	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	127516	105.964	ug/l	93
59) 2-Hexanone	9.433	43	187696	95.900	ug/l	92
60) Dibromochloromethane	9.519	129	34507	19.138	ug/l	100
61) 1,2-Dibromoethane	9.610	107	34567	20.080	ug/l	99
64) Tetrachloroethene	9.275	164	34512	21.145	ug/l	89
65) Chlorobenzene	10.080	112	93667	20.091	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	32059	19.641	ug/l	97
67) Ethyl Benzene	10.195	91	147001	20.120	ug/l	98
68) m/p-Xylenes	10.299	106	119942	40.667	ug/l	90
69) o-Xylene	10.640	106	59268	20.297	ug/l	93
70) Styrene	10.659	104	99339	20.288	ug/l	93
71) Bromoform	10.799	173	27405	18.442	ug/l #	98
73) Isopropylbenzene	10.964	105	150495	20.928	ug/l	96
74) N-amyl acetate	10.842	43	60384	18.904	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	52003	19.449	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	40591m	18.906	ug/l	
77) Bromobenzene	11.195	156	42598	19.890	ug/l	79
78) n-propylbenzene	11.305	91	158345	20.294	ug/l	95
79) 2-Chlorotoluene	11.366	91	103320	20.553	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	123976	20.699	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	14182	18.759	ug/l	91
82) 4-Chlorotoluene	11.457	91	112714	20.283	ug/l	92
83) tert-Butylbenzene	11.713	119	133770	20.354	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	125992	20.967	ug/l	93
85) sec-Butylbenzene	11.890	105	151703	20.408	ug/l	95
86) p-Isopropyltoluene	12.006	119	133170	20.508	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	74013	19.661	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	75298	19.495	ug/l	96
89) n-Butylbenzene	12.335	91	96483	19.302	ug/l	97
90) Hexachloroethane	12.536	117	21633	19.568	ug/l	59
91) 1,2-Dichlorobenzene	12.335	146	77047	20.002	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9993	18.859	ug/l #	46
93) 1,2,4-Trichlorobenzene	13.585	180	47554	18.845	ug/l	96
94) Hexachlorobutadiene	13.725	225	24629	19.302	ug/l	99
95) Naphthalene	13.774	128	148503	18.000	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	51437	19.327	ug/l	97

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

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