

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071724\
 Data File : VX042355.D
 Acq On : 17 Jul 2024 12:22
 Operator : JC/MD
 Sample : VX0717WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0717WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/18/2024
 Supervised By :Mahesh Dadoda 07/18/2024

Quant Time: Jul 18 00:56:00 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	182224	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	250011	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88890	42.303	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.600%		
35) Dibromofluoromethane	5.385	113	89367	50.377	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.760%		
50) Toluene-d8	8.647	98	295518	47.419	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.840%		
62) 4-Bromofluorobenzene	11.079	95	123913	53.939	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.880%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	26253	18.911	ug/l	97
3) Chloromethane	1.301	50	24164	13.875	ug/l	100
4) Vinyl Chloride	1.374	62	26612	15.243	ug/l	100
5) Bromomethane	1.605	94	15391	17.853	ug/l	96
6) Chloroethane	1.685	64	17506	22.423	ug/l	95
7) Trichlorofluoromethane	1.886	101	47032	20.562	ug/l	98
8) Diethyl Ether	2.136	74	16922	15.761	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	31186	19.793	ug/l #	85
10) Methyl Iodide	2.453	142	36761	18.771	ug/l #	85
11) Tert butyl alcohol	2.959	59	34518	86.558	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	29147	18.545	ug/l	81
13) Acrolein	2.239	56	12241	27.383	ug/l	99
14) Allyl chloride	2.660	41	44764	17.959	ug/l #	87
15) Acrylonitrile	3.062	53	88241	84.714	ug/l	97
16) Acetone	2.380	43	80681	87.443	ug/l #	87
17) Carbon Disulfide	2.514	76	58524	18.262	ug/l	100
18) Methyl Acetate	2.703	43	42788	17.000	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	94686	18.235	ug/l	100
20) Methylene Chloride	2.788	84	33243	16.454	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	29829	18.700	ug/l	83
22) Diisopropyl ether	3.757	45	91954	17.453	ug/l #	93
23) Vinyl Acetate	3.721	43	396246	88.063	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	53254	18.049	ug/l	98
25) 2-Butanone	4.556	43	120076	83.650	ug/l	93
26) 2,2-Dichloropropane	4.471	77	44279	20.723	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	36844	18.442	ug/l	86
28) Bromochloromethane	4.897	49	20909	16.545	ug/l #	67
29) Tetrahydrofuran	5.007	42	76957	83.012	ug/l	92
30) Chloroform	5.093	83	57425	18.681	ug/l	97
31) Cyclohexane	5.471	56	42792	17.414	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	50491	19.657	ug/l	95
36) 1,1-Dichloropropene	5.690	75	37993	20.169	ug/l	96
37) Ethyl Acetate	4.715	43	43507	17.730	ug/l	96
38) Carbon Tetrachloride	5.678	117	43679	20.986	ug/l	98
39) Methylcyclohexane	7.379	83	47786	20.058	ug/l	90
40) Benzene	6.031	78	120722	19.001	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	24329	18.290	ug/l	91
42) 1,2-Dichloroethane	6.086	62	39150	19.131	ug/l	90
43) Isopropyl Acetate	6.336	43	67705	17.975	ug/l #	93
44) Trichloroethene	7.123	130	35399	20.786	ug/l	86
45) 1,2-Dichloropropane	7.428	63	30785	19.706	ug/l	99
46) Dibromomethane	7.580	93	22493	19.761	ug/l #	73
47) Bromodichloromethane	7.818	83	42344	20.262	ug/l	94
48) Methyl methacrylate	7.696	41	32145	17.882	ug/l #	82
49) 1,4-Dioxane	7.659	88	14883	326.596	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	230335	88.775	ug/l	94
52) Toluene	8.720	92	80704	19.948	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	42742	20.181	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	47008	20.546	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	33454	19.850	ug/l	97
56) Ethyl methacrylate	9.116	69	50236	19.160	ug/l #	86
57) 1,3-Dichloropropane	9.305	76	53258	19.559	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	106093	86.829	ug/l	92
59) 2-Hexanone	9.427	43	178566	89.857	ug/l	91
60) Dibromochloromethane	9.519	129	39106	21.361	ug/l	97
61) 1,2-Dibromoethane	9.610	107	35260	20.173	ug/l	99
64) Tetrachloroethene	9.269	164	35108	20.082	ug/l	91
65) Chlorobenzene	10.079	112	97560	19.536	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	34700	19.847	ug/l	99
67) Ethyl Benzene	10.195	91	151426	19.349	ug/l	95
68) m/p-Xylenes	10.299	106	123818	39.193	ug/l	90
69) o-Xylene	10.640	106	59138	18.908	ug/l	92
70) Styrene	10.653	104	103638	19.760	ug/l	94
71) Bromoform	10.799	173	30964	19.390	ug/l #	100
73) Isopropylbenzene	10.963	105	158721	17.964	ug/l	97
74) N-amyl acetate	10.842	43	59182	15.079	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	51371	15.636	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	41206m	15.620	ug/l	
77) Bromobenzene	11.195	156	46539	17.685	ug/l	76
78) n-propylbenzene	11.305	91	175897	18.348	ug/l	94
79) 2-Chlorotoluene	11.360	91	107985	17.482	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	132462	17.999	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	14278	15.371	ug/l	90
82) 4-Chlorotoluene	11.451	91	124829	18.282	ug/l	92
83) tert-Butylbenzene	11.713	119	140492	17.398	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	133879	18.132	ug/l	92
85) sec-Butylbenzene	11.890	105	170744	18.694	ug/l	95
86) p-Isopropyltoluene	12.006	119	151610	19.002	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	85152	18.410	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	87365	18.409	ug/l	95
89) n-Butylbenzene	12.335	91	122227	19.901	ug/l	97
90) Hexachloroethane	12.536	117	23812	17.530	ug/l #	57
91) 1,2-Dichlorobenzene	12.335	146	83309	17.602	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10663	16.378	ug/l #	47
93) 1,2,4-Trichlorobenzene	13.585	180	62592	20.188	ug/l	96
94) Hexachlorobutadiene	13.725	225	30507	19.458	ug/l	99
95) Naphthalene	13.774	128	170961	16.912	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	63023	19.273	ug/l	95

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

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