

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071624\
 Data File : VX042337.D
 Acq On : 16 Jul 2024 12:49
 Operator : JC/MD
 Sample : VX0716WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBS01

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 05:34:33 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	146514	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	203880	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80357	47.563	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.120%		
35) Dibromofluoromethane	5.385	113	77739	53.738	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.480%		
50) Toluene-d8	8.647	98	249513	49.096	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.200%		
62) 4-Bromofluorobenzene	11.079	95	100559	53.678	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.360%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	19762	17.705	ug/l	97
3) Chloromethane	1.307	50	19831	14.162	ug/l	99
4) Vinyl Chloride	1.374	62	19947	14.210	ug/l	98
5) Bromomethane	1.599	94	11632	16.782	ug/l	99
6) Chloroethane	1.672	64	12785	20.066	ug/l	94
7) Trichlorofluoromethane	1.880	101	34263	18.631	ug/l	100
8) Diethyl Ether	2.136	74	13549	15.695	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.319	101	20855	16.462	ug/l #	83
10) Methyl Iodide	2.447	142	22122	14.049	ug/l #	87
11) Tert butyl alcohol	2.989	59	31477	98.170	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	19170	15.170	ug/l	84
13) Acrolein	2.239	56	22280	61.989	ug/l	99
14) Allyl chloride	2.660	41	31720	15.827	ug/l	88
15) Acrylonitrile	3.069	53	76874	91.789	ug/l	97
16) Acetone	2.386	43	63894	86.127	ug/l #	89
17) Carbon Disulfide	2.502	76	40650	15.776	ug/l	97
18) Methyl Acetate	2.709	43	36269	17.922	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	74333	17.805	ug/l	99
20) Methylene Chloride	2.788	84	26256	16.163	ug/l #	83
21) trans-1,2-Dichloroethene	3.087	96	21886	17.065	ug/l	84
22) Diisopropyl ether	3.770	45	70427	16.625	ug/l #	88
23) Vinyl Acetate	3.727	43	308776	85.349	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	39593	16.690	ug/l	95
25) 2-Butanone	4.568	43	103120	89.347	ug/l #	89
26) 2,2-Dichloropropane	4.471	77	29717	17.298	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	27820	17.319	ug/l	84
28) Bromochloromethane	4.897	49	17315	17.041	ug/l #	66
29) Tetrahydrofuran	5.019	42	66082	88.655	ug/l	91
30) Chloroform	5.093	83	42852	17.338	ug/l	95
31) Cyclohexane	5.464	56	31827	16.108	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	36570	17.708	ug/l	95
36) 1,1-Dichloropropene	5.690	75	27276	17.756	ug/l	94
37) Ethyl Acetate	4.727	43	37603	18.791	ug/l	96
38) Carbon Tetrachloride	5.672	117	31366	18.480	ug/l	93
39) Methylcyclohexane	7.379	83	34808	17.917	ug/l	93
40) Benzene	6.037	78	91772	17.713	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	19781	18.235	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	30724	18.410	ug/l	92
43) Isopropyl Acetate	6.348	43	54857	17.859	ug/l #	93
44) Trichloroethene	7.123	130	25178	18.130	ug/l	81
45) 1,2-Dichloropropane	7.434	63	23043	18.088	ug/l	99
46) Dibromomethane	7.586	93	17068	18.388	ug/l #	73
47) Bromodichloromethane	7.824	83	31273	18.351	ug/l	95
48) Methyl methacrylate	7.696	41	26587	18.137	ug/l #	84
49) 1,4-Dioxane	7.671	88	10052	273.918	ug/l #	100
51) 4-Methyl-2-Pentanone	8.574	43	198208	93.678	ug/l	94
52) Toluene	8.720	92	60534	18.348	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	29935	17.481	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	34250	18.357	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	25722	18.715	ug/l	98
56) Ethyl methacrylate	9.116	69	39169	18.319	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	41701	18.780	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	109007	109.400	ug/l	91
59) 2-Hexanone	9.433	43	152916	94.360	ug/l	91
60) Dibromochloromethane	9.525	129	28237	18.914	ug/l	98
61) 1,2-Dibromoethane	9.610	107	26927	18.892	ug/l	99
64) Tetrachloroethene	9.275	164	25261	18.589	ug/l	91
65) Chlorobenzene	10.079	112	71555	18.434	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	25007	18.401	ug/l	98
67) Ethyl Benzene	10.195	91	109984	18.080	ug/l	98
68) m/p-Xylenes	10.305	106	89910	36.614	ug/l	92
69) o-Xylene	10.640	106	44469	18.291	ug/l	93
70) Styrene	10.659	104	74931	18.380	ug/l	94
71) Bromoform	10.799	173	22632	18.302	ug/l #	99
73) Isopropylbenzene	10.963	105	115618	17.886	ug/l	96
74) N-amyl acetate	10.848	43	46968	16.358	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	42151	17.537	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	35360m	18.322	ug/l	
77) Bromobenzene	11.201	156	34336	17.835	ug/l	76
78) n-propylbenzene	11.305	91	123443	17.600	ug/l	95
79) 2-Chlorotoluene	11.366	91	78995	17.481	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	96443	17.913	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	11126	16.372	ug/l	90
82) 4-Chlorotoluene	11.457	91	88501	17.717	ug/l	92
83) tert-Butylbenzene	11.713	119	104189	17.636	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	96053	17.782	ug/l	92
85) sec-Butylbenzene	11.890	105	121133	18.128	ug/l	95
86) p-Isopropyltoluene	12.012	119	107118	18.351	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	60834	17.978	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	62028	17.865	ug/l	96
89) n-Butylbenzene	12.335	91	80669	17.953	ug/l	97
90) Hexachloroethane	12.542	117	16804	16.909	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	61719	17.824	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8387	17.608	ug/l #	45
93) 1,2,4-Trichlorobenzene	13.591	180	40037	17.651	ug/l	94
94) Hexachlorobutadiene	13.725	225	21945	19.132	ug/l	99
95) Naphthalene	13.780	128	125299	16.941	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	43623	18.235	ug/l	96

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

