

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
 Data File : VX042131.D
 Acq On : 02 Jul 2024 11:48
 Operator : JC/MD
 Sample : VX0702WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/03/2024
 Supervised By : Semsettin Yesilyurt 07/03/2024

Quant Time: Jul 03 03:30:24 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	169618	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	240739	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83706	42.796	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.600%		
35) Dibromofluoromethane	5.385	113	79670	46.641	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.280%		
50) Toluene-d8	8.647	98	269224	44.864	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.720%#		
62) 4-Bromofluorobenzene	11.079	95	103403	46.745	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.480%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	29098	22.518	ug/l	96
3) Chloromethane	1.301	50	30637	18.899	ug/l	98
4) Vinyl Chloride	1.374	62	29928	18.417	ug/l	98
5) Bromomethane	1.599	94	17847	22.241	ug/l	99
6) Chloroethane	1.666	64	16657	22.994	ug/l	98
7) Trichlorofluoromethane	1.874	101	46005	21.608	ug/l	99
8) Diethyl Ether	2.136	74	17504	17.515	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.319	101	28612	19.509	ug/l #	84
10) Methyl Iodide	2.447	142	32588	17.877	ug/l #	87
11) Tert butyl alcohol	2.989	59	35813	96.479	ug/l #	95
12) 1,1-Dichloroethene	2.313	96	28719	19.631	ug/l #	81
13) Acrolein	2.239	56	34433	82.752	ug/l	98
14) Allyl chloride	2.660	41	45083	19.431	ug/l	90
15) Acrylonitrile	3.069	53	86735	89.457	ug/l	98
16) Acetone	2.386	43	76378	88.931	ug/l #	87
17) Carbon Disulfide	2.502	76	60431	20.259	ug/l	99
18) Methyl Acetate	2.709	43	37117	15.842	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	92157	19.067	ug/l	100
20) Methylene Chloride	2.788	84	33113	17.608	ug/l #	88
21) trans-1,2-Dichloroethene	3.087	96	29143	19.628	ug/l	90
22) Diisopropyl ether	3.764	45	92120	18.784	ug/l #	94
23) Vinyl Acetate	3.727	43	400442	95.609	ug/l	95
24) 1,1-Dichloroethane	3.605	63	52544	19.132	ug/l	97
25) 2-Butanone	4.568	43	116348	87.077	ug/l	95
26) 2,2-Dichloropropane	4.471	77	40637	20.432	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	35537	19.110	ug/l	85
28) Bromochloromethane	4.897	49	21350	18.150	ug/l #	72
29) Tetrahydrofuran	5.013	42	76301	88.421	ug/l	93
30) Chloroform	5.093	83	54380	19.006	ug/l	93
31) Cyclohexane	5.471	56	44163	19.307	ug/l	90
32) 1,1,1-Trichloroethane	5.379	97	46909	19.620	ug/l	96
36) 1,1-Dichloropropene	5.690	75	35735	19.701	ug/l	94
37) Ethyl Acetate	4.727	43	45120	19.095	ug/l	97
38) Carbon Tetrachloride	5.678	117	40691	20.303	ug/l	97
39) Methylcyclohexane	7.379	83	46468	20.256	ug/l	92
40) Benzene	6.038	78	121684	19.891	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	24704	19.287	ug/l	92
42) 1,2-Dichloroethane	6.086	62	38198	19.384	ug/l	90
43) Isopropyl Acetate	6.342	43	65511	18.062	ug/l #	94
44) Trichloroethene	7.129	130	33137	20.207	ug/l	82
45) 1,2-Dichloropropane	7.428	63	29243	19.440	ug/l	99
46) Dibromomethane	7.580	93	20919	19.086	ug/l #	72
47) Bromodichloromethane	7.824	83	38212	18.989	ug/l	95
48) Methyl methacrylate	7.696	41	31468	18.180	ug/l #	83
49) 1,4-Dioxane	7.665	88	15732	356.575	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	228947	91.638	ug/l	95
52) Toluene	8.720	92	78666	20.193	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	38119	18.770	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	43528	19.758	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	31866	19.636	ug/l	97
56) Ethyl methacrylate	9.116	69	48045	19.030	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	50572	19.288	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	118255	100.511	ug/l	92
59) 2-Hexanone	9.433	43	174963	91.434	ug/l	92
60) Dibromochloromethane	9.519	129	34328	19.473	ug/l	98
61) 1,2-Dibromoethane	9.610	107	33120	19.679	ug/l	97
64) Tetrachloroethene	9.275	164	33033	20.782	ug/l	89
65) Chlorobenzene	10.079	112	89177	19.641	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	31459	19.791	ug/l	98
67) Ethyl Benzene	10.195	91	143728	20.200	ug/l	97
68) m/p-Xylenes	10.299	106	116853	40.683	ug/l	90
69) o-Xylene	10.640	106	57924	20.369	ug/l	90
70) Styrene	10.653	104	95381	20.002	ug/l	94
71) Bromoform	10.799	173	26814	18.524	ug/l #	99
73) Isopropylbenzene	10.963	105	148631	20.855	ug/l	97
74) N-amyl acetate	10.842	43	57594	18.193	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	50186	18.939	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	39549m	18.587	ug/l	
77) Bromobenzene	11.201	156	42578	20.060	ug/l	76
78) n-propylbenzene	11.305	91	156090	20.186	ug/l	95
79) 2-Chlorotoluene	11.366	91	99513	19.974	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	122979	20.717	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	13215	17.638	ug/l	90
82) 4-Chlorotoluene	11.451	91	111470	20.240	ug/l	92
83) tert-Butylbenzene	11.713	119	131322	20.162	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	123237	20.693	ug/l	93
85) sec-Butylbenzene	11.890	105	150676	20.452	ug/l	96
86) p-Isopropyltoluene	12.006	119	130810	20.326	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	73286	19.644	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	75149	19.632	ug/l	96
89) n-Butylbenzene	12.329	91	97593	19.700	ug/l	97
90) Hexachloroethane	12.536	117	20895	19.071	ug/l	61
91) 1,2-Dichlorobenzene	12.335	146	74980	19.641	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9623	18.325	ug/l #	48
93) 1,2,4-Trichlorobenzene	13.585	180	47508	18.997	ug/l	96
94) Hexachlorobutadiene	13.725	225	25081	19.833	ug/l	99
95) Naphthalene	13.774	128	145984	17.860	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	50515	19.152	ug/l	95

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

