

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060223\
 Data File : VX035978.D
 Acq On : 02 Jun 2023 12:54
 Operator : JC/MD
 Sample : VX0602WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602WBS01

Quant Time: Jun 05 01:33:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/05/2023
 Supervised By : Mahesh Dadoda 06/05/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	190549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	338139	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	301832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152611	49.321	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.640%		
35) Dibromofluoromethane	5.385	113	108893	47.880	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.760%		
50) Toluene-d8	8.647	98	404645	49.575	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.140%		
62) 4-Bromofluorobenzene	11.079	95	159990	49.653	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.300%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	39503	18.974	ug/l	100
3) Chloromethane	1.294	50	41970	17.637	ug/l	96
4) Vinyl Chloride	1.374	62	39507	17.674	ug/l	97
5) Bromomethane	1.611	94	23485	15.952	ug/l	97
6) Chloroethane	1.691	64	23963	18.206	ug/l	93
7) Trichlorofluoromethane	1.886	101	61008	19.396	ug/l	96
8) Diethyl Ether	2.130	74	24044	17.602	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	36388	18.640	ug/l	99
10) Methyl Iodide	2.453	142	29921	13.021	ug/l	99
11) Tert butyl alcohol	3.020	59	52458	95.463	ug/l #	95
12) 1,1-Dichloroethene	2.319	96	33527	17.538	ug/l	97
13) Acrolein	2.239	56	47599	89.925	ug/l	99
14) Allyl chloride	2.666	41	68946	17.545	ug/l	98
15) Acrylonitrile	3.068	53	126532	98.004	ug/l	98
16) Acetone	2.398	43	124897	97.839	ug/l	100
17) Carbon Disulfide	2.514	76	69775	14.566	ug/l	99
18) Methyl Acetate	2.709	43	98495	19.847	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	139086	18.574	ug/l	99
20) Methylene Chloride	2.788	84	42143	17.138	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	38365	17.556	ug/l	96
22) Diisopropyl ether	3.757	45	143158	18.729	ug/l	97
23) Vinyl Acetate	3.721	43	506944	94.399	ug/l	99
24) 1,1-Dichloroethane	3.611	63	78240	18.455	ug/l	99
25) 2-Butanone	4.568	43	184377	100.913	ug/l	98
26) 2,2-Dichloropropane	4.477	77	58011	17.952	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	48135	18.353	ug/l	95
28) Bromochloromethane	4.897	49	41328	18.616	ug/l	94
29) Tetrahydrofuran	5.019	42	117252	99.585	ug/l	98
30) Chloroform	5.092	83	80953	18.539	ug/l	100
31) Cyclohexane	5.470	56	63461	19.588	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	68229	18.490	ug/l	99
36) 1,1-Dichloropropene	5.696	75	56251	18.550	ug/l	99
37) Ethyl Acetate	4.714	43	68475	20.276	ug/l	99
38) Carbon Tetrachloride	5.678	117	53453	18.088	ug/l	94
39) Methylcyclohexane	7.379	83	61464	19.426	ug/l	97
40) Benzene	6.037	78	170474	18.731	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	38941	20.326	ug/l	96
42) 1,2-Dichloroethane	6.086	62	70307	19.507	ug/l	99
43) Isopropyl Acetate	6.342	43	106417	19.164	ug/l	99
44) Trichloroethene	7.129	130	41522	17.587	ug/l	99
45) 1,2-Dichloropropane	7.427	63	44734	18.675	ug/l	98
46) Dibromomethane	7.580	93	31400	18.870	ug/l	98
47) Bromodichloromethane	7.824	83	55064	17.592	ug/l	98
48) Methyl methacrylate	7.696	41	54294	19.938	ug/l	97
49) 1,4-Dioxane	7.726	88	24163	387.427	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	353518	104.296	ug/l	100
52) Toluene	8.720	92	105743	18.481	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	58266	17.609	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	63701	17.434	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	45087	18.913	ug/l	98
56) Ethyl methacrylate	9.116	69	68810	19.306	ug/l	96
57) 1,3-Dichloropropane	9.311	76	76880	18.739	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	190098	101.793	ug/l	99
59) 2-Hexanone	9.433	43	270575	107.973	ug/l	100
60) Dibromochloromethane	9.518	129	39767	17.184	ug/l	99
61) 1,2-Dibromoethane	9.610	107	46097	18.915	ug/l	99
64) Tetrachloroethene	9.275	164	34367	18.119	ug/l	95
65) Chlorobenzene	10.079	112	114425	18.788	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	39557	18.467	ug/l	99
67) Ethyl Benzene	10.195	91	204317	18.850	ug/l	99
68) m/p-Xylenes	10.299	106	157682	38.346	ug/l	97
69) o-Xylene	10.640	106	77132	18.666	ug/l	97
70) Styrene	10.659	104	127738	19.131	ug/l	98
71) Bromoform	10.799	173	24728	16.669	ug/l	100
73) Isopropylbenzene	10.963	105	199575	18.826	ug/l	99
74) N-amyl acetate	10.841	43	89496	19.369	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	70380	19.408	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	66179m	20.114	ug/l	
77) Bromobenzene	11.201	156	46695	17.812	ug/l	99
78) n-propylbenzene	11.305	91	234045	19.561	ug/l	99
79) 2-Chlorotoluene	11.366	91	146880	18.850	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	172118	19.257	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	15158	15.517	ug/l	91
82) 4-Chlorotoluene	11.451	91	170696	19.086	ug/l	99
83) tert-Butylbenzene	11.713	119	161710	18.938	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	173291	18.892	ug/l	100
85) sec-Butylbenzene	11.890	105	197341	19.484	ug/l	99
86) p-Isopropyltoluene	12.012	119	166752	19.257	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	89303	18.596	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	89364	17.665	ug/l	98
89) n-Butylbenzene	12.329	91	140750	19.240	ug/l	99
90) Hexachloroethane	12.536	117	22830	16.626	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	90001	18.827	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14753	19.713	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	51700	18.584	ug/l	98
94) Hexachlorobutadiene	13.725	225	19032	17.984	ug/l	99
95) Naphthalene	13.774	128	192263	19.856	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	50711	18.479	ug/l	98

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

