

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062923\
 Data File : VX036369.D
 Acq On : 29 Jun 2023 11:27
 Operator : JC/MD
 Sample : VX0629WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/30/2023
 Supervised By : Mahesh Dadoda 06/30/2023

Quant Time: Jun 30 01:27:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	218550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	364991	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	328037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	159155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	156752	50.036	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.080%			
35) Dibromofluoromethane	5.385	113	127886	53.139	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.280%			
50) Toluene-d8	8.647	98	465552	51.792	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.580%			
62) 4-Bromofluorobenzene	11.079	95	171984	54.319	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	37044	17.904	ug/l	96
3) Chloromethane	1.295	50	51597	14.375	ug/l	99
4) Vinyl Chloride	1.374	62	58048	14.793	ug/l	98
5) Bromomethane	1.618	94	44824	15.611	ug/l	98
6) Chloroethane	1.691	64	46818	16.252	ug/l	95
7) Trichlorofluoromethane	1.886	101	102936	17.254	ug/l	98
8) Diethyl Ether	2.130	74	38523	16.727	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	47659	19.035	ug/l	95
10) Methyl Iodide	2.453	142	52529	17.314	ug/l	92
11) Tert butyl alcohol	3.002	59	58672	102.888	ug/l	98
12) 1,1-Dichloroethene	2.319	96	44958	18.101	ug/l	90
13) Acrolein	2.239	56	61014	77.907	ug/l	99
14) Allyl chloride	2.666	41	76092	18.851	ug/l	98
15) Acrylonitrile	3.069	53	128710	89.047	ug/l	99
16) Acetone	2.398	43	116706	87.157	ug/l	96
17) Carbon Disulfide	2.514	76	97821	16.036	ug/l	99
18) Methyl Acetate	2.709	43	101098	18.360	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	157328	19.600	ug/l	100
20) Methylene Chloride	2.788	84	51238	17.772	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	47601	17.960	ug/l	91
22) Diisopropyl ether	3.757	45	159588	19.731	ug/l	90
23) Vinyl Acetate	3.721	43	567794	96.735	ug/l	98
24) 1,1-Dichloroethane	3.611	63	90664	19.020	ug/l	99
25) 2-Butanone	4.562	43	175883	91.419	ug/l	95
26) 2,2-Dichloropropane	4.477	77	74676	22.089	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	56710	19.079	ug/l	93
28) Bromochloromethane	4.898	49	50205	20.309	ug/l	87
29) Tetrahydrofuran	5.013	42	111462	90.998	ug/l	94
30) Chloroform	5.087	83	93526	19.480	ug/l	94
31) Cyclohexane	5.465	56	73414	18.287	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	80582	20.094	ug/l	99
36) 1,1-Dichloropropene	5.690	75	67868	18.918	ug/l	98
37) Ethyl Acetate	4.715	43	69918	19.122	ug/l	97
38) Carbon Tetrachloride	5.672	117	67313	20.544	ug/l	98
39) Methylcyclohexane	7.379	83	79488	18.499	ug/l	99
40) Benzene	6.038	78	195817	19.540	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	38571	19.016	ug/l	94
42) 1,2-Dichloroethane	6.080	62	77669	20.377	ug/l	98
43) Isopropyl Acetate	6.336	43	116802	20.025	ug/l	98
44) Trichloroethene	7.123	130	54593	19.586	ug/l	97
45) 1,2-Dichloropropane	7.428	63	54138	19.836	ug/l	97
46) Dibromomethane	7.580	93	36966	19.241	ug/l	92
47) Bromodichloromethane	7.818	83	69689	20.058	ug/l	96
48) Methyl methacrylate	7.690	41	55974	19.246	ug/l	90
49) 1,4-Dioxane	7.720	88	26360	408.855	ug/l #	12
51) 4-Methyl-2-Pentanone	8.574	43	362218	96.388	ug/l	98
52) Toluene	8.714	92	122899	19.351	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	74816	21.318	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	83022	20.926	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	53004	20.082	ug/l	97
56) Ethyl methacrylate	9.116	69	79601	20.163	ug/l	97
57) 1,3-Dichloropropane	9.305	76	88177	19.493	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	191455	86.292	ug/l	100
59) 2-Hexanone	9.427	43	271065	98.776	ug/l	98
60) Dibromochloromethane	9.519	129	53081	20.699	ug/l	100
61) 1,2-Dibromoethane	9.610	107	56311	20.103	ug/l	95
64) Tetrachloroethene	9.275	164	48037	20.739	ug/l	97
65) Chlorobenzene	10.080	112	137688	19.967	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	51412	22.057	ug/l	98
67) Ethyl Benzene	10.195	91	243948	19.899	ug/l	97
68) m/p-Xylenes	10.299	106	189377	39.760	ug/l	96
69) o-Xylene	10.640	106	93386	20.303	ug/l	96
70) Styrene	10.653	104	148555	19.726	ug/l	96
71) Bromoform	10.799	173	35333	21.134	ug/l #	98
73) Isopropylbenzene	10.964	105	243648	20.314	ug/l	98
74) N-amyl acetate	10.842	43	97802	20.615	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	78325	19.284	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	64720m	19.064	ug/l	
77) Bromobenzene	11.195	156	58139	19.713	ug/l	94
78) n-propylbenzene	11.305	91	278214	19.862	ug/l	100
79) 2-Chlorotoluene	11.366	91	163398	19.609	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	201439	19.832	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	20908	20.076	ug/l	98
82) 4-Chlorotoluene	11.451	91	191293	19.719	ug/l	96
83) tert-Butylbenzene	11.713	119	194083	19.938	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	200931	19.995	ug/l	97
85) sec-Butylbenzene	11.890	105	247940	20.105	ug/l	100
86) p-Isopropyltoluene	12.006	119	204714	19.780	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	109647	20.221	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	108477	19.647	ug/l	99
89) n-Butylbenzene	12.329	91	176248	19.135	ug/l	98
90) Hexachloroethane	12.536	117	30402	19.395	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	108780	20.374	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17313	22.441	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	68870	20.942	ug/l	96
94) Hexachlorobutadiene	13.725	225	28290	21.004	ug/l	96
95) Naphthalene	13.774	128	230513	21.217	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	68590	21.382	ug/l	98

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

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