

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062123\
 Data File : VX036261.D
 Acq On : 21 Jun 2023 11:27
 Operator : JC/MD
 Sample : VX0621WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023

Quant Time: Jun 22 05:00:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	165007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	284942	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149526	49.587	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.180%			
35) Dibromofluoromethane	5.385	113	105934	54.824	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.640%			
50) Toluene-d8	8.647	98	386153	54.634	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.260%			
62) 4-Bromofluorobenzene	11.079	95	145069	50.847	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	32284	15.940	ug/l	100
3) Chloromethane	1.294	50	34782	16.231	ug/l	99
4) Vinyl Chloride	1.374	62	35154	17.220	ug/l	100
5) Bromomethane	1.617	94	24865	19.814	ug/l	99
6) Chloroethane	1.691	64	26219	19.849	ug/l	96
7) Trichlorofluoromethane	1.892	101	56340	17.053	ug/l	98
8) Diethyl Ether	2.136	74	22116	17.985	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	36123	19.173	ug/l	96
10) Methyl Iodide	2.453	142	42793	22.028	ug/l	93
11) Tert butyl alcohol	3.001	59	41409	89.826	ug/l #	78
12) 1,1-Dichloroethene	2.319	96	33964	19.064	ug/l	99
13) Acrolein	2.239	56	50103	97.869	ug/l	99
14) Allyl chloride	2.666	41	69845	19.375	ug/l	98
15) Acrylonitrile	3.068	53	119155	101.041	ug/l	100
16) Acetone	2.392	43	112530	89.823	ug/l	94
17) Carbon Disulfide	2.514	76	84581	19.207	ug/l	100
18) Methyl Acetate	2.703	43	96276	20.263	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	137522	19.718	ug/l	98
20) Methylene Chloride	2.788	84	44133	19.443	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	38301	19.349	ug/l	94
22) Diisopropyl ether	3.757	45	149624	20.858	ug/l	93
23) Vinyl Acetate	3.721	43	532976	104.832	ug/l	99
24) 1,1-Dichloroethane	3.611	63	79132	19.966	ug/l	99
25) 2-Butanone	4.562	43	170526	97.227	ug/l	98
26) 2,2-Dichloropropane	4.471	77	58869	19.100	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	44762	19.775	ug/l	97
28) Bromochloromethane	4.891	49	39240	18.993	ug/l	96
29) Tetrahydrofuran	5.007	42	110062	98.806	ug/l	98
30) Chloroform	5.086	83	79431	19.030	ug/l	99
31) Cyclohexane	5.470	56	66370	20.517	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	65398	18.480	ug/l	97
36) 1,1-Dichloropropene	5.696	75	55748	19.586	ug/l	99
37) Ethyl Acetate	4.715	43	64696	19.509	ug/l	99
38) Carbon Tetrachloride	5.684	117	53294	19.261	ug/l	93
39) Methylcyclohexane	7.379	83	66430	21.671	ug/l	98
40) Benzene	6.037	78	165416	20.666	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	36822	20.140	ug/l	98
42) 1,2-Dichloroethane	6.086	62	70089	19.438	ug/l	99
43) Isopropyl Acetate	6.336	43	108813	21.441	ug/l	99
44) Trichloroethene	7.123	130	40805	20.401	ug/l	99
45) 1,2-Dichloropropane	7.427	63	45049	21.170	ug/l	95
46) Dibromomethane	7.580	93	30925	20.400	ug/l	98
47) Bromodichloromethane	7.818	83	58161	19.985	ug/l #	99
48) Methyl methacrylate	7.690	41	52384	20.119	ug/l	97
49) 1,4-Dioxane	7.702	88	18198	417.442	ug/l #	100
51) 4-Methyl-2-Pentanone	8.574	43	342927	107.015	ug/l	98
52) Toluene	8.714	92	103282	20.610	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	60294	20.114	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	66968	20.832	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	43068	20.818	ug/l	96
56) Ethyl methacrylate	9.116	69	66444	21.261	ug/l	94
57) 1,3-Dichloropropane	9.305	76	75312	20.463	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	194775	113.077	ug/l	97
59) 2-Hexanone	9.427	43	255223	107.131	ug/l	98
60) Dibromochloromethane	9.519	129	39757	19.689	ug/l	99
61) 1,2-Dibromoethane	9.610	107	44234	20.506	ug/l	99
64) Tetrachloroethene	9.275	164	34778	21.427	ug/l	99
65) Chlorobenzene	10.079	112	108078	19.993	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	38024	20.383	ug/l	99
67) Ethyl Benzene	10.195	91	199332	20.647	ug/l	98
68) m/p-Xylenes	10.299	106	151511	41.596	ug/l	100
69) o-Xylene	10.640	106	72595	20.201	ug/l	97
70) Styrene	10.652	104	120746	20.165	ug/l	99
71) Bromoform	10.799	173	24282	18.907	ug/l #	97
73) Isopropylbenzene	10.963	105	193530	20.646	ug/l	98
74) N-amyl acetate	10.841	43	92767	21.900	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	68295	21.278	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	57368m	19.135	ug/l	
77) Bromobenzene	11.195	156	43683	19.890	ug/l	97
78) n-propylbenzene	11.305	91	234478	21.263	ug/l	98
79) 2-Chlorotoluene	11.366	91	139390	20.097	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	160595	20.120	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	16646	19.434	ug/l	93
82) 4-Chlorotoluene	11.451	91	160698	19.885	ug/l	100
83) tert-Butylbenzene	11.713	119	156485	20.622	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	166189	20.874	ug/l	99
85) sec-Butylbenzene	11.890	105	202497	21.432	ug/l	99
86) p-Isopropyltoluene	12.006	119	167651	21.090	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	85813	20.489	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	86527	20.169	ug/l	99
89) n-Butylbenzene	12.329	91	151154	21.306	ug/l	99
90) Hexachloroethane	12.536	117	25370	20.346	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	83824	20.392	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13112	18.521	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	50767	21.787	ug/l	99
94) Hexachlorobutadiene	13.725	225	18694	20.294	ug/l	96
95) Naphthalene	13.774	128	173486	21.584	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	49481	21.176	ug/l	98

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

