

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060123\
 Data File : VX035955.D
 Acq On : 01 Jun 2023 13:22
 Operator : JC/MD
 Sample : VX0601WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS02

Quant Time: Jun 02 01:39:54 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 06/02/2023
 Supervised By : Semsettin Yesilyurt 06/02/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	216925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	380583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	340933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	185798	52.745	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.500%			
35) Dibromofluoromethane	5.379	113	135472	52.923	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.840%			
50) Toluene-d8	8.647	98	491595	53.511	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.020%			
62) 4-Bromofluorobenzene	11.079	95	199032	54.881	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.760%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	52180	22.016	ug/l	100
3) Chloromethane	1.295	50	53512	19.753	ug/l	97
4) Vinyl Chloride	1.374	62	50045	19.666	ug/l	95
5) Bromomethane	1.618	94	31756	18.948	ug/l	100
6) Chloroethane	1.691	64	30468	20.334	ug/l	99
7) Trichlorofluoromethane	1.886	101	75035	20.955	ug/l	100
8) Diethyl Ether	2.130	74	30835	19.828	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	47019	21.157	ug/l	99
10) Methyl Iodide	2.453	142	47189	18.038	ug/l	97
11) Tert butyl alcohol	3.014	59	67711	108.238	ug/l	99
12) 1,1-Dichloroethene	2.319	96	42195	19.389	ug/l	96
13) Acrolein	2.239	56	52007	86.306	ug/l	98
14) Allyl chloride	2.666	41	88370	19.753	ug/l	99
15) Acrylonitrile	3.069	53	152783	103.948	ug/l	100
16) Acetone	2.398	43	165531	113.904	ug/l	98
17) Carbon Disulfide	2.514	76	100395	18.410	ug/l	99
18) Methyl Acetate	2.709	43	120238	21.282	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	178971	20.994	ug/l	99
20) Methylene Chloride	2.788	84	53200	19.004	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	47344	19.031	ug/l	98
22) Diisopropyl ether	3.757	45	185477	21.315	ug/l	97
23) Vinyl Acetate	3.721	43	667299	109.151	ug/l	100
24) 1,1-Dichloroethane	3.605	63	98147	20.336	ug/l	98
25) 2-Butanone	4.568	43	231222	111.164	ug/l	99
26) 2,2-Dichloropropane	4.477	77	78661	21.383	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	59094	19.792	ug/l	100
28) Bromochloromethane	4.898	49	54076	21.396	ug/l	93
29) Tetrahydrofuran	5.013	42	146904	109.599	ug/l	99
30) Chloroform	5.093	83	104686	21.059	ug/l	100
31) Cyclohexane	5.465	56	80487	21.823	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	86980	20.706	ug/l	99
36) 1,1-Dichloropropene	5.690	75	71820	21.043	ug/l	98
37) Ethyl Acetate	4.715	43	83898	22.072	ug/l	98
38) Carbon Tetrachloride	5.678	117	71009	21.349	ug/l	96
39) Methylcyclohexane	7.379	83	81210	22.805	ug/l	98
40) Benzene	6.038	78	215041	20.993	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	47724	22.132	ug/l	98
42) 1,2-Dichloroethane	6.086	62	86776	21.392	ug/l	98
43) Isopropyl Acetate	6.336	43	134759	21.561	ug/l	99
44) Trichloroethene	7.123	130	54527	20.520	ug/l	100
45) 1,2-Dichloropropane	7.434	63	57584	21.358	ug/l	94
46) Dibromomethane	7.580	93	40675	21.718	ug/l	98
47) Bromodichloromethane	7.824	83	74846	21.245	ug/l	94
48) Methyl methacrylate	7.690	41	66933	21.838	ug/l	96
49) 1,4-Dioxane	7.720	88	30596	435.863	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	432750	113.432	ug/l	98
52) Toluene	8.714	92	137625	21.370	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	79600	21.374	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	86095	20.935	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	58079	21.646	ug/l	98
56) Ethyl methacrylate	9.116	69	86272	21.506	ug/l	97
57) 1,3-Dichloropropane	9.305	76	98155	21.257	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	186456	88.708	ug/l	97
59) 2-Hexanone	9.433	43	338736	120.098	ug/l	99
60) Dibromochloromethane	9.519	129	54589	20.958	ug/l	100
61) 1,2-Dibromoethane	9.610	107	58656	21.384	ug/l	98
64) Tetrachloroethene	9.275	164	46160	21.545	ug/l	94
65) Chlorobenzene	10.080	112	145775	21.191	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	53641	22.170	ug/l	97
67) Ethyl Benzene	10.195	91	263712	21.539	ug/l	100
68) m/p-Xylenes	10.299	106	203136	43.734	ug/l	97
69) o-Xylene	10.640	106	101049	21.649	ug/l	96
70) Styrene	10.653	104	167151	22.163	ug/l	98
71) Bromoform	10.799	173	35205	21.010	ug/l #	99
73) Isopropylbenzene	10.964	105	258718	21.506	ug/l	98
74) N-amyl acetate	10.842	43	114214	21.782	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	89432	21.732	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	75107m	20.115	ug/l	
77) Bromobenzene	11.195	156	61247	20.587	ug/l	98
78) n-propylbenzene	11.305	91	299057	22.025	ug/l	98
79) 2-Chlorotoluene	11.366	91	190421	21.534	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	221972	21.885	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	21938	19.790	ug/l	98
82) 4-Chlorotoluene	11.451	91	218032	21.482	ug/l	98
83) tert-Butylbenzene	11.713	119	208498	21.517	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	225906	21.702	ug/l	99
85) sec-Butylbenzene	11.890	105	256361	22.305	ug/l	98
86) p-Isopropyltoluene	12.006	119	218786	22.265	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	116481	21.374	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	118366	20.618	ug/l	100
89) n-Butylbenzene	12.329	91	187089	22.536	ug/l	99
90) Hexachloroethane	12.536	117	32040	20.561	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	117608	21.679	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19214	22.624	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	68446	21.681	ug/l	99
94) Hexachlorobutadiene	13.725	225	24605	20.488	ug/l	98
95) Naphthalene	13.774	128	244733	22.273	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	67254	21.596	ug/l	99

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

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