

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029791.D
 Acq On : 25 Jun 2022 01:57
 Operator : JC/MD
 Sample : VX0624WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/25/2022
 Supervised By : Semsettin Yesilyurt 06/28/2022

Quant Time: Jun 25 05:31:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	222289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	386171	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	351164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	135456	46.034	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.060%		
35) Dibromofluoromethane	5.391	113	123514	49.079	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.160%		
50) Toluene-d8	8.653	98	459968	50.031	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.060%		
62) 4-Bromofluorobenzene	11.085	95	175071	50.496	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	55989	20.798	ug/l	97
3) Chloromethane	1.288	50	52472	18.093	ug/l	99
4) Vinyl Chloride	1.374	62	54254	20.320	ug/l	95
5) Bromomethane	1.611	94	27729	20.356	ug/l	98
6) Chloroethane	1.685	64	32900	17.953	ug/l	91
7) Trichlorofluoromethane	1.886	101	79136	21.274	ug/l	98
8) Diethyl Ether	2.136	74	31418	21.438	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	48072	20.609	ug/l	99
10) Methyl Iodide	2.453	142	42510	18.040	ug/l	99
11) Tert butyl alcohol	2.983	59	69350	102.699	ug/l	95
12) 1,1-Dichloroethene	2.325	96	47995	21.312	ug/l	86
13) Acrolein	2.239	56	9571	59.047	ug/l	98
14) Allyl chloride	2.666	41	65000	17.877	ug/l	93
15) Acrylonitrile	3.068	53	146506	106.448	ug/l	98
16) Acetone	2.392	43	115901	98.820	ug/l	98
17) Carbon Disulfide	2.514	76	110904	18.996	ug/l	100
18) Methyl Acetate	2.709	43	66171	21.339	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	163849	20.957	ug/l	99
20) Methylene Chloride	2.794	84	54450	20.844	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	51569	20.951	ug/l	94
22) Diisopropyl ether	3.763	45	148761	20.682	ug/l	91
23) Vinyl Acetate	3.727	43	600480	99.999	ug/l	99
24) 1,1-Dichloroethane	3.611	63	90698	20.967	ug/l	99
25) 2-Butanone	4.568	43	186180	100.427	ug/l	99
26) 2,2-Dichloropropane	4.477	77	24184	7.183	ug/l	84
27) cis-1,2-Dichloroethene	4.495	96	59998	20.864	ug/l	89
28) Bromochloromethane	4.904	49	33892	20.507	ug/l	96
29) Tetrahydrofuran	5.013	42	123811	100.211	ug/l	97
30) Chloroform	5.099	83	94429	20.628	ug/l	98
31) Cyclohexane	5.477	56	80071	20.269	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	81423	20.165	ug/l	99
36) 1,1-Dichloropropene	5.702	75	68446	20.095	ug/l	97
37) Ethyl Acetate	4.721	43	69783	19.987	ug/l	98
38) Carbon Tetrachloride	5.684	117	70185	20.954	ug/l	98
39) Methylcyclohexane	7.385	83	83927	19.763	ug/l	96
40) Benzene	6.044	78	211913	20.989	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	39084	21.248	ug/l	96
42) 1,2-Dichloroethane	6.092	62	69548	20.038	ug/l	97
43) Isopropyl Acetate	6.348	43	108076	19.907	ug/l	99
44) Trichloroethene	7.129	130	60273	20.398	ug/l	100
45) 1,2-Dichloropropane	7.434	63	51966	20.986	ug/l	97
46) Dibromomethane	7.586	93	38159	21.441	ug/l	94
47) Bromodichloromethane	7.824	83	70573	20.578	ug/l	99
48) Methyl methacrylate	7.696	41	53582	20.129	ug/l	94
49) 1,4-Dioxane	7.690	88	27110	395.014	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	356437	101.860	ug/l	100
52) Toluene	8.720	92	137416	21.255	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	60521	17.463	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	70857	18.259	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	56383	21.569	ug/l	98
56) Ethyl methacrylate	9.122	69	83711	21.198	ug/l	96
57) 1,3-Dichloropropane	9.311	76	92743	21.302	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	166023	89.476	ug/l	94
59) 2-Hexanone	9.433	43	277284	104.643	ug/l	97
60) Dibromochloromethane	9.525	129	53268	20.989	ug/l	98
61) 1,2-Dibromoethane	9.610	107	58726	21.669	ug/l	98
64) Tetrachloroethene	9.275	164	55393	21.812	ug/l	94
65) Chlorobenzene	10.079	112	147365	21.391	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	52246	21.117	ug/l	99
67) Ethyl Benzene	10.195	91	258997	20.895	ug/l	99
68) m/p-Xylenes	10.305	106	203295	42.056	ug/l	99
69) o-Xylene	10.646	106	102233	21.406	ug/l	99
70) Styrene	10.659	104	167534	21.425	ug/l	99
71) Bromoform	10.805	173	36443	20.775	ug/l #	99
73) Isopropylbenzene	10.963	105	263099	21.128	ug/l	100
74) N-amyl acetate	10.848	43	86361	19.968	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	84423	20.970	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	74416m	20.568	ug/l	
77) Bromobenzene	11.201	156	62195	21.884	ug/l	98
78) n-propylbenzene	11.305	91	292486	20.855	ug/l	100
79) 2-Chlorotoluene	11.366	91	180520	20.787	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	219620	20.942	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	15198	13.974	ug/l	91
82) 4-Chlorotoluene	11.457	91	205075	20.708	ug/l	100
83) tert-Butylbenzene	11.719	119	213945	20.923	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	219131	20.951	ug/l	99
85) sec-Butylbenzene	11.890	105	264210	20.849	ug/l	100
86) p-Isopropyltoluene	12.012	119	218527	20.595	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	115810	21.391	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	114428	21.169	ug/l	97
89) n-Butylbenzene	12.335	91	180372	20.141	ug/l	98
90) Hexachloroethane	12.542	117	30936	20.361	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	118332	22.236	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17605	19.735	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	69946	21.553	ug/l	99
94) Hexachlorobutadiene	13.725	225	26106	19.648	ug/l	93
95) Naphthalene	13.774	128	262180	22.505	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	70949	21.829	ug/l	95

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

