

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082721\
 Data File : VX023983.D
 Acq On : 27 Aug 2021 11:07
 Operator : JC/MD
 Sample : VX0827WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827WBSD01

Manual Integrations
 APPROVED

SAM
 8/30/2021 9:15:43 AM

Quant Time: Aug 28 04:53:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	186809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	297465	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	276743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	144876	55.566	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.140%			
35) Dibromofluoromethane	5.397	113	108188	54.950	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.900%			
50) Toluene-d8	8.653	98	390665	52.134	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.260%			
62) 4-Bromofluorobenzene	11.085	95	149841	54.318	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	38574	19.571	ug/l	99
3) Chloromethane	1.301	50	40367	18.657	ug/l	99
4) Vinyl Chloride	1.374	62	40008	18.959	ug/l	100
5) Bromomethane	1.605	94	29492	22.229	ug/l	97
6) Chloroethane	1.685	64	25610	16.645	ug/l	99
7) Trichlorofluoromethane	1.892	101	67167	20.156	ug/l	100
8) Diethyl Ether	2.142	74	23052	19.809	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	39105	20.854	ug/l	99
10) Methyl Iodide	2.459	142	52376	20.060	ug/l	94
11) Tert butyl alcohol	2.977	59	53381	101.240	ug/l	99
12) 1,1-Dichloroethene	2.325	96	36828	20.542	ug/l	93
13) Acrolein	2.240	56	26250	83.660	ug/l	95
14) Allyl chloride	2.666	41	67317	20.375	ug/l	90
15) Acrylonitrile	3.075	53	121480	103.404	ug/l	97
16) Acetone	2.392	43	116924	100.297	ug/l	89
17) Carbon Disulfide	2.514	76	86727	20.283	ug/l	98
18) Methyl Acetate	2.715	43	59045	20.289	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	133581	21.408	ug/l	100
20) Methylene Chloride	2.794	84	42749	19.198	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	39336	20.541	ug/l	95
22) Diisopropyl ether	3.776	45	137701	20.926	ug/l	93
23) Vinyl Acetate	3.733	43	562659	105.699	ug/l #	93
24) 1,1-Dichloroethane	3.617	63	76644	20.928	ug/l	97
25) 2-Butanone	4.568	43	179794	101.824	ug/l	93
26) 2,2-Dichloropropane	4.489	77	64060	21.312	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	46531	20.421	ug/l	94
28) Bromochloromethane	4.904	49	36805	22.103	ug/l	91
29) Tetrahydrofuran	5.019	42	115930	101.362	ug/l	88
30) Chloroform	5.105	83	81492	21.015	ug/l	99
31) Cyclohexane	5.477	56	66575	19.875	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	70745	21.306	ug/l	97
36) 1,1-Dichloropropene	5.702	75	58035	21.067	ug/l	97
37) Ethyl Acetate	4.727	43	68128	20.119	ug/l	95
38) Carbon Tetrachloride	5.690	117	61968	21.572	ug/l	99
39) Methylcyclohexane	7.385	83	67073	19.997	ug/l	95
40) Benzene	6.044	78	167251	20.533	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	38387	20.912	ug/l	89
42) 1,2-Dichloroethane	6.099	62	69365	21.667	ug/l	93
43) Isopropyl Acetate	6.355	43	109766	20.724	ug/l #	91
44) Trichloroethene	7.135	130	46305	20.578	ug/l	95
45) 1,2-Dichloropropane	7.440	63	45149	20.873	ug/l	93
46) Dibromomethane	7.586	93	31957	21.230	ug/l	96
47) Bromodichloromethane	7.830	83	58574	21.510	ug/l	98
48) Methyl methacrylate	7.702	41	54274	21.005	ug/l #	84
49) 1,4-Dioxane	7.665	88	22420	410.560	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	363167	106.070	ug/l	89
52) Toluene	8.726	92	106211	20.122	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	64136	19.592	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	69150	20.957	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	44172	20.327	ug/l	95
56) Ethyl methacrylate	9.122	69	68501	18.928	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	73952	20.518	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	171959	98.271	ug/l	97
59) 2-Hexanone	9.433	43	283310	107.648	ug/l	86
60) Dibromochloromethane	9.525	129	43005	19.002	ug/l	97
61) 1,2-Dibromoethane	9.616	107	46394	20.209	ug/l	100
64) Tetrachloroethene	9.275	164	44783	20.260	ug/l	94
65) Chlorobenzene	10.086	112	116884	20.240	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	43206	21.021	ug/l	99
67) Ethyl Benzene	10.195	91	207543	20.581	ug/l	99
68) m/p-Xylenes	10.305	106	158800	41.342	ug/l	97
69) o-Xylene	10.647	106	76821	20.352	ug/l	96
70) Styrene	10.659	104	128633	20.918	ug/l	97
71) Bromoform	10.805	173	30887	19.710	ug/l #	100
73) Isopropylbenzene	10.964	105	209001	20.558	ug/l	100
74) N-amyl acetate	10.848	43	94139	20.490	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.214	83	70654	21.206	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	66052m	21.244	ug/l	
77) Bromobenzene	11.201	156	51250	20.467	ug/l	97
78) n-propylbenzene	11.305	91	236950	20.377	ug/l	100
79) 2-Chlorotoluene	11.366	91	144741	20.594	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	174444	20.880	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	20534	19.426	ug/l #	81
82) 4-Chlorotoluene	11.457	91	167165	20.954	ug/l	97
83) tert-Butylbenzene	11.720	119	169784	20.924	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	173517	20.829	ug/l	99
85) sec-Butylbenzene	11.896	105	217378	21.160	ug/l	100
86) p-Isopropyltoluene	12.012	119	175937	20.809	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	93913	20.730	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	93944	20.792	ug/l	97
89) n-Butylbenzene	12.335	91	156593	20.743	ug/l	96
90) Hexachloroethane	12.543	117	28168	20.018	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	92116	20.988	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14216	19.572	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	54550	20.651	ug/l	97
94) Hexachlorobutadiene	13.725	225	25703	21.831	ug/l	100
95) Naphthalene	13.780	128	181562	19.428	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	54263	20.627	ug/l	99

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

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