

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080621\
 Data File : VX023588.D
 Acq On : 06 Aug 2021 12:00
 Operator : JC/MD
 Sample : VX0806WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/9/2021 6:28:15 PM

Quant Time: Aug 07 04:42:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	213200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	339186	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	311355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140052	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	131480	49.44	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.88%		
35) Dibromofluoromethane	5.391	113	102152	48.17	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.34%		
50) Toluene-d8	8.653	98	367682	47.19	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.38%		
62) 4-Bromofluorobenzene	11.085	95	131995	49.82	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.64%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	38277	19.51	ug/l	99
3) Chloromethane	1.294	50	43272	18.94	ug/l	98
4) Vinyl Chloride	1.374	62	43641	18.87	ug/l	100
5) Bromomethane	1.599	94	30005	21.85	ug/l	96
6) Chloroethane	1.685	64	29265	20.62	ug/l	99
7) Trichlorofluoromethane	1.886	101	73257	19.66	ug/l	98
8) Diethyl Ether	2.136	74	27470	19.97	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	43615	20.66	ug/l	96
10) Methyl Iodide	2.453	142	54550	20.62	ug/l	96
11) Tert butyl alcohol	2.971	59	59977	98.72	ug/l	99
12) 1,1-Dichloroethene	2.319	96	39937	19.06	ug/l	96
13) Acrolein	2.239	56	27140	88.76	ug/l	98
14) Allyl chloride	2.666	41	73632	19.33	ug/l	93
15) Acrylonitrile	3.068	53	140848	102.67	ug/l	99
16) Acetone	2.386	43	125672	96.33	ug/l	90
17) Carbon Disulfide	2.514	76	83896	16.24	ug/l	100
18) Methyl Acetate	2.709	43	65779	21.21	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	150826	20.71	ug/l	100
20) Methylene Chloride	2.794	84	50120	19.75	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	42763	19.22	ug/l	96
22) Diisopropyl ether	3.770	45	159138	21.17	ug/l	97
23) Vinyl Acetate	3.727	43	693211	104.45	ug/l	95
24) 1,1-Dichloroethane	3.611	63	82879	20.06	ug/l	98
25) 2-Butanone	4.562	43	202785	100.12	ug/l	92
26) 2,2-Dichloropropane	4.483	77	66560	19.69	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	52428	20.29	ug/l	98
28) Bromochloromethane	4.910	49	33374	17.31	ug/l	93
29) Tetrahydrofuran	5.013	42	132135	99.53	ug/l	89
30) Chloroform	5.099	83	87273	20.63	ug/l	96
31) Cyclohexane	5.477	56	73178	18.57	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	72754	20.13	ug/l	97
36) 1,1-Dichloropropene	5.696	75	60377	19.68	ug/l	99
37) Ethyl Acetate	4.727	43	77613	20.06	ug/l #	94
38) Carbon Tetrachloride	5.684	117	63244	20.27	ug/l	98
39) Methylcyclohexane	7.385	83	77177	19.92	ug/l	97
40) Benzene	6.044	78	185901	20.43	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	42388	20.75	ug/l	92
42) 1,2-Dichloroethane	6.092	62	74201	22.06	ug/l	96
43) Isopropyl Acetate	6.342	43	124731	20.81	ug/l	93
44) Trichloroethene	7.129	130	50296	20.12	ug/l	98
45) 1,2-Dichloropropane	7.434	63	49577	20.59	ug/l	94
46) Dibromomethane	7.580	93	35395	21.68	ug/l	97
47) Bromodichloromethane	7.824	83	62288	21.17	ug/l	99
48) Methyl methacrylate	7.696	41	59964	21.60	ug/l	87
49) 1,4-Dioxane	7.665	88	23633	399.76	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	409427	111.66	ug/l	90
52) Toluene	8.720	92	118757	21.07	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	70246	19.96	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	77350	21.09	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	52315	22.92	ug/l	98
56) Ethyl methacrylate	9.116	69	79597	21.76	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	86332	22.26	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	178480	92.09	ug/l	98
59) 2-Hexanone	9.433	43	312533	112.25	ug/l	86
60) Dibromochloromethane	9.525	129	48505	20.40	ug/l	99
61) 1,2-Dibromoethane	9.610	107	53705	22.06	ug/l	100
64) Tetrachloroethene	9.275	164	49392	19.93	ug/l	95
65) Chlorobenzene	10.079	112	131437	20.63	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	47712	20.08	ug/l	99
67) Ethyl Benzene	10.195	91	224319	20.30	ug/l	99
68) m/p-Xylenes	10.305	106	171679	40.39	ug/l	98
69) o-Xylene	10.646	106	83754	19.87	ug/l	100
70) Styrene	10.659	104	138614	20.76	ug/l	99
71) Bromoform	10.805	173	32024	19.03	ug/l #	99
73) Isopropylbenzene	10.963	105	224395	21.23	ug/l	99
74) N-amyl acetate	10.848	43	103345	21.44	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	72918	21.18	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	70408m	22.85	ug/l	
77) Bromobenzene	11.201	156	55797	21.89	ug/l	93
78) n-propylbenzene	11.305	91	253041	21.16	ug/l	98
79) 2-Chlorotoluene	11.366	91	152328	21.31	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	184278	21.41	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21736	18.96	ug/l	89
82) 4-Chlorotoluene	11.457	91	172112	21.29	ug/l	100
83) tert-Butylbenzene	11.719	119	177710	21.05	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	183547	21.44	ug/l	99
85) sec-Butylbenzene	11.890	105	229915	21.00	ug/l	100
86) p-Isopropyltoluene	12.012	119	188419	21.32	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	97002	20.57	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	96336	20.13	ug/l	97
89) n-Butylbenzene	12.335	91	165012	20.62	ug/l	97
90) Hexachloroethane	12.542	117	27899	18.85	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	96157	21.06	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14167	18.36	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	58098	20.25	ug/l	99
94) Hexachlorobutadiene	13.725	225	26097	20.27	ug/l	99
95) Naphthalene	13.780	128	198054	20.08	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	59111	20.40	ug/l	98

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

