

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022580.D
 Acq On : 08 Jun 2021 21:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/9/2021 4:20:58 PM

Quant Time: Jun 09 04:02:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	66478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	138072	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	126951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	57848	48.949	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.900%		
35) Dibromofluoromethane	5.398	113	41914	48.519	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.040%		
50) Toluene-d8	8.653	98	168586	48.910	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.820%		
62) 4-Bromofluorobenzene	11.086	95	63106	49.256	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	42593	54.940	ug/l	100
3) Chloromethane	1.295	50	46627	49.798	ug/l	99
4) Vinyl Chloride	1.374	62	46022	50.359	ug/l	99
5) Bromomethane	1.599	94	24335	50.681	ug/l	95
6) Chloroethane	1.679	64	28195	48.996	ug/l	99
7) Trichlorofluoromethane	1.880	101	67454	50.681	ug/l	96
8) Diethyl Ether	2.136	74	26721	49.245	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	39824	48.803	ug/l	89
10) Methyl Iodide	2.453	142	45549	47.419	ug/l	93
11) Tert butyl alcohol	2.983	59	69715	262.995	ug/l	99
12) 1,1-Dichloroethene	2.319	96	40443	47.977	ug/l	98
13) Acrolein	2.240	56	30613	242.149	ug/l	99
14) Allyl chloride	2.666	41	79138	51.198	ug/l	96
15) Acrylonitrile	3.075	53	145698	263.639	ug/l	100
16) Acetone	2.392	43	138663	261.117	ug/l	96
17) Carbon Disulfide	2.514	76	90294	43.298	ug/l	99
18) Methyl Acetate	2.709	43	78793	53.802	ug/l	93
19) Methyl tert-butyl Ether	3.124	73	145138	51.639	ug/l	97
20) Methylene Chloride	2.794	84	52222	47.101	ug/l	86
21) trans-1,2-Dichloroethene	3.093	96	45499	47.926	ug/l	95
22) Diisopropyl ether	3.776	45	160317	51.701	ug/l	90
23) Vinyl Acetate	3.733	43	772848	264.858	ug/l	94
24) 1,1-Dichloroethane	3.617	63	90100	51.049	ug/l	99
25) 2-Butanone	4.568	43	233036	265.527	ug/l	89
26) 2,2-Dichloropropane	4.477	77	55962	41.374	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	55530	49.821	ug/l	98
28) Bromochloromethane	4.910	49	44035	49.358	ug/l #	80
29) Tetrahydrofuran	5.020	42	135123	262.353	ug/l	89
30) Chloroform	5.099	83	90890	51.274	ug/l	99
31) Cyclohexane	5.477	56	72374	51.770	ug/l	98
32) 1,1,1-Trichloroethane	5.398	97	74487	52.978	ug/l	98
36) 1,1-Dichloropropene	5.696	75	65658	49.156	ug/l	97
37) Ethyl Acetate	4.727	43	91020	53.127	ug/l #	93
38) Carbon Tetrachloride	5.684	117	60058	47.750	ug/l	96
39) Methylcyclohexane	7.385	83	70369	47.167	ug/l	97
40) Benzene	6.050	78	208392	50.554	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	47524	50.414	ug/l	92
42) 1,2-Dichloroethane	6.099	62	76179	50.133	ug/l	98
43) Isopropyl Acetate	6.355	43	144013	51.820	ug/l #	92
44) Trichloroethene	7.135	130	47653	48.996	ug/l	99
45) 1,2-Dichloropropane	7.440	63	55407	52.254	ug/l	97
46) Dibromomethane	7.586	93	36076	49.915	ug/l #	84
47) Bromodichloromethane	7.830	83	66897	47.233	ug/l	98
48) Methyl methacrylate	7.702	41	67270	52.018	ug/l	87
49) 1,4-Dioxane	7.665	88	26583	1016.398	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	463776	267.870	ug/l	91
52) Toluene	8.726	92	126642	48.918	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	75431	44.469	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	82577	45.560	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	54202	53.718	ug/l	99
56) Ethyl methacrylate	9.122	69	89583	47.919	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	93829	51.456	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	235104	241.034	ug/l	95
59) 2-Hexanone	9.433	43	359609	271.887	ug/l	89
60) Dibromochloromethane	9.525	129	45760	45.738	ug/l	99
61) 1,2-Dibromoethane	9.616	107	54615	51.345	ug/l	98
64) Tetrachloroethene	9.281	164	39117	46.026	ug/l #	87
65) Chlorobenzene	10.086	112	134184	50.866	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	44786	47.720	ug/l	96
67) Ethyl Benzene	10.195	91	248380	51.169	ug/l	98
68) m/p-Xylenes	10.305	106	182777	103.598	ug/l	97
69) o-Xylene	10.647	106	90021	52.185	ug/l	97
70) Styrene	10.659	104	154160	52.858	ug/l	98
71) Bromoform	10.805	173	27822	45.507	ug/l #	97
73) Isopropylbenzene	10.964	105	235434	50.534	ug/l	100
74) N-amyl acetate	10.848	43	130370	52.154	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.220	83	87825	52.371	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	77590m	52.395	ug/l	
77) Bromobenzene	11.201	156	50131	49.942	ug/l	84
78) n-propylbenzene	11.305	91	284440	50.303	ug/l	97
79) 2-Chlorotoluene	11.366	91	169763	50.451	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	199333	50.076	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	25274	44.080	ug/l	89
82) 4-Chlorotoluene	11.457	91	194734	49.998	ug/l	95
83) tert-Butylbenzene	11.720	119	184463	52.020	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	201857	50.420	ug/l	98
85) sec-Butylbenzene	11.896	105	239622	50.779	ug/l	97
86) p-Isopropyltoluene	12.012	119	197608	50.666	ug/l	96
87) 1,3-Dichlorobenzene	11.976	146	95956	49.228	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	95475	47.016	ug/l	96
89) n-Butylbenzene	12.335	91	185960	49.657	ug/l	98
90) Hexachloroethane	12.543	117	29144	45.731	ug/l	71
91) 1,2-Dichlorobenzene	12.335	146	92439	49.966	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17906	47.405	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	54144	48.680	ug/l	97
94) Hexachlorobutadiene	13.731	225	19389	48.640	ug/l	98
95) Naphthalene	13.780	128	234678	52.629	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	56327	50.672	ug/l	98

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

