

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022308.D
 Acq On : 01 Jun 2021 22:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/2/2021 1:59:12 PM

Quant Time: Jun 02 03:26:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	80010	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	163081	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	149827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67861	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	75203	60.93	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	121.86%	#	
35) Dibromofluoromethane	5.397	113	57697	55.79	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	111.58%		
50) Toluene-d8	8.653	98	213743	53.65	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	107.30%		
62) 4-Bromofluorobenzene	11.085	95	82928	56.32	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.64%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	42626	43.82	ug/l	99
3) Chloromethane	1.295	50	52352	49.90	ug/l	98
4) Vinyl Chloride	1.374	62	53784	48.44	ug/l	100
5) Bromomethane	1.599	94	34728	53.65	ug/l	99
6) Chloroethane	1.679	64	34267	51.84	ug/l	99
7) Trichlorofluoromethane	1.880	101	76718	48.06	ug/l	95
8) Diethyl Ether	2.136	74	36234	52.78	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	44535	46.98	ug/l	92
10) Methyl Iodide	2.453	142	53931	52.94	ug/l	95
11) Tert butyl alcohol	2.977	59	87727	310.77	ug/l	100
12) 1,1-Dichloroethene	2.319	96	46261	50.45	ug/l	98
13) Acrolein	2.240	56	15568	83.15	ug/l	97
14) Allyl chloride	2.666	41	92454	54.89	ug/l	97
15) Acrylonitrile	3.075	53	175990	316.67	ug/l	99
16) Acetone	2.392	43	157927	293.87	ug/l	100
17) Carbon Disulfide	2.514	76	89785	37.38	ug/l	98
18) Methyl Acetate	2.715	43	94481	66.11	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	185321	59.00	ug/l	98
20) Methylene Chloride	2.794	84	61398	51.46	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	52161	52.30	ug/l	100
22) Diisopropyl ether	3.776	45	192300	59.28	ug/l	93
23) Vinyl Acetate	3.733	43	937282	300.09	ug/l	97
24) 1,1-Dichloroethane	3.617	63	108387	56.94	ug/l	99
25) 2-Butanone	4.568	43	278643	320.49	ug/l	94
26) 2,2-Dichloropropane	4.483	77	73698	43.61	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	66821	55.09	ug/l	99
28) Bromochloromethane	4.904	49	58029	62.83	ug/l	83
29) Tetrahydrofuran	5.019	42	160334	309.84	ug/l	90
30) Chloroform	5.105	83	111070	56.47	ug/l	100
31) Cyclohexane	5.483	56	69425	44.76	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	89843	53.45	ug/l	98
36) 1,1-Dichloropropene	5.696	75	73413	48.68	ug/l	97
37) Ethyl Acetate	4.727	43	105623	57.14	ug/l	95
38) Carbon Tetrachloride	5.678	117	68895	46.70	ug/l	98
39) Methylcyclohexane	7.385	83	70755	41.37	ug/l	96
40) Benzene	6.044	78	239680	51.66	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	59314	59.98	ug/l	94
42) 1,2-Dichloroethane	6.099	62	90388	55.60	ug/l	98
43) Isopropyl Acetate	6.349	43	176194	58.27	ug/l	94
44) Trichloroethene	7.135	130	55451	48.09	ug/l	98
45) 1,2-Dichloropropane	7.440	63	67020	56.62	ug/l	94
46) Dibromomethane	7.586	93	44325	55.20	ug/l #	86
47) Bromodichloromethane	7.830	83	85950	53.49	ug/l	99
48) Methyl methacrylate	7.702	41	81725	58.65	ug/l	91
49) 1,4-Dioxane	7.665	88	32524	1198.79	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	566616	312.84	ug/l	92
52) Toluene	8.720	92	146495	49.86	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	98513	53.11	ug/l	97
54) cis-1,3-Dichloropropene	8.373	75	103773	52.04	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	67281	56.40	ug/l	98
56) Ethyl methacrylate	9.122	69	112549	58.38	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	116110	57.01	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	280777	269.28	ug/l	96
59) 2-Hexanone	9.433	43	437543	321.20	ug/l	90
60) Dibromochloromethane	9.525	129	62332	53.71	ug/l	98
61) 1,2-Dibromoethane	9.610	107	67959	57.22	ug/l	98
64) Tetrachloroethene	9.281	164	42739	43.45	ug/l	92
65) Chlorobenzene	10.086	112	158865	50.94	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	57383	52.95	ug/l	97
67) Ethyl Benzene	10.195	91	280381	48.87	ug/l	99
68) m/p-Xylenes	10.305	106	212432	97.97	ug/l	99
69) o-Xylene	10.647	106	106041	50.28	ug/l	100
70) Styrene	10.659	104	182421	52.80	ug/l	98
71) Bromoform	10.805	173	39559	47.70	ug/l #	99
73) Isopropylbenzene	10.964	105	272396	47.43	ug/l	99
74) N-amyl acetate	10.848	43	164326	60.28	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.214	83	111624	58.63	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	99170m	59.24	ug/l	
77) Bromobenzene	11.201	156	61125	50.19	ug/l	85
78) n-propylbenzene	11.305	91	324981	48.31	ug/l	98
79) 2-Chlorotoluene	11.366	91	197348	48.37	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	232053	48.75	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	36538	51.71	ug/l	97
82) 4-Chlorotoluene	11.457	91	228600	48.63	ug/l	96
83) tert-Butylbenzene	11.720	119	221330	48.48	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	235193	49.09	ug/l	98
85) sec-Butylbenzene	11.896	105	277337	47.80	ug/l	98
86) p-Isopropyltoluene	12.012	119	233364	47.62	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	114811	48.90	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	117222	48.30	ug/l	97
89) n-Butylbenzene	12.335	91	215432	47.53	ug/l	98
90) Hexachloroethane	12.543	117	37234	45.98	ug/l	73
91) 1,2-Dichlorobenzene	12.335	146	115772	51.33	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23363	57.35	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	67514	49.61	ug/l	98
94) Hexachlorobutadiene	13.725	225	21692	40.84	ug/l	97
95) Naphthalene	13.780	128	305952	57.65	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	69766	50.86	ug/l	98

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

