

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083121\
 Data File : VX024029.D
 Acq On : 31 Aug 2021 08:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/1/2021 6:43:44 PM

Quant Time: Sep 01 04:56:58 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	207614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	322627	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	130995	45.208	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.420%
35) Dibromofluoromethane	5.391	113	98883	46.307	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.620%
50) Toluene-d8	8.653	98	366096	45.045	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.080%#
62) 4-Bromofluorobenzene	11.085	95	151287	50.565	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	109052	49.785	ug/l	99
3) Chloromethane	1.294	50	111559	46.394	ug/l	97
4) Vinyl Chloride	1.380	62	109025	46.488	ug/l	100
5) Bromomethane	1.599	94	64905	44.019	ug/l	97
6) Chloroethane	1.679	64	70011	40.285	ug/l	97
7) Trichlorofluoromethane	1.886	101	183516	49.552	ug/l	100
8) Diethyl Ether	2.136	74	63759	49.298	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	111858	53.675	ug/l	97
10) Methyl Iodide	2.453	142	137434	47.363	ug/l	93
11) Tert butyl alcohol	2.983	59	144875	247.230	ug/l	97
12) 1,1-Dichloroethene	2.319	96	103123	51.756	ug/l	90
13) Acrolein	2.239	56	92504	265.271	ug/l	97
14) Allyl chloride	2.666	41	195769	53.315	ug/l	90
15) Acrylonitrile	3.075	53	316664	242.533	ug/l	97
16) Acetone	2.392	43	398825	307.828	ug/l	91
17) Carbon Disulfide	2.514	76	251894	53.007	ug/l	100
18) Methyl Acetate	2.709	43	157584	48.722	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	378936	54.644	ug/l	99
20) Methylene Chloride	2.794	84	118618	47.930	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	111132	52.218	ug/l	92
22) Diisopropyl ether	3.770	45	389762	53.295	ug/l	97
23) Vinyl Acetate	3.727	43	1598296	270.161	ug/l	94
24) 1,1-Dichloroethane	3.617	63	214946	52.810	ug/l	96
25) 2-Butanone	4.568	43	525316	267.692	ug/l	92
26) 2,2-Dichloropropane	4.483	77	192880	57.739	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	131327	51.859	ug/l	93
28) Bromochloromethane	4.904	49	89012	48.098	ug/l	91
29) Tetrahydrofuran	5.013	42	307314	241.770	ug/l	88
30) Chloroform	5.105	83	227081	52.692	ug/l	98
31) Cyclohexane	5.471	56	195680	52.564	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	205896	55.795	ug/l	97
36) 1,1-Dichloropropene	5.696	75	167228	55.971	ug/l	98
37) Ethyl Acetate	4.727	43	186394	50.752	ug/l #	94
38) Carbon Tetrachloride	5.684	117	179337	57.562	ug/l	96
39) Methylcyclohexane	7.385	83	207352	56.998	ug/l	97
40) Benzene	6.044	78	469400	53.131	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	102511	51.488	ug/l	90
42) 1,2-Dichloroethane	6.092	62	194457	56.004	ug/l	94
43) Isopropyl Acetate	6.348	43	303228	52.784	ug/l	93
44) Trichloroethene	7.129	130	130460	53.456	ug/l	99
45) 1,2-Dichloropropane	7.434	63	126927	54.104	ug/l	99
46) Dibromomethane	7.586	93	89293	54.695	ug/l	96
47) Bromodichloromethane	7.824	83	172576	58.433	ug/l	98
48) Methyl methacrylate	7.696	41	153026	54.605	ug/l	85
49) 1,4-Dioxane	7.665	88	58996	996.090	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	988999	266.329	ug/l	90
52) Toluene	8.720	92	309477	54.059	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	202046	52.836	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	206074	57.583	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	126867	53.828	ug/l	99
56) Ethyl methacrylate	9.116	69	206364	51.224	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	213226	54.546	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	484374	255.222	ug/l	96
59) 2-Hexanone	9.433	43	825750	289.286	ug/l	86
60) Dibromochloromethane	9.525	129	137117	52.586	ug/l	100
61) 1,2-Dibromoethane	9.610	107	135522	54.430	ug/l	100
64) Tetrachloroethene	9.275	164	130386	52.940	ug/l	94
65) Chlorobenzene	10.079	112	345705	53.726	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	128915	56.290	ug/l	100
67) Ethyl Benzene	10.195	91	631574	56.207	ug/l	99
68) m/p-Xylenes	10.305	106	484547	113.214	ug/l	97
69) o-Xylene	10.646	106	238262	56.650	ug/l	99
70) Styrene	10.659	104	401459	58.591	ug/l	97
71) Bromoform	10.805	173	101321	54.274	ug/l	99
73) Isopropylbenzene	10.963	105	640652	54.164	ug/l	100
74) N-amyl acetate	10.848	43	291462	54.527	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	195663	50.476	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	190462m	52.652	ug/l	
77) Bromobenzene	11.201	156	155153	53.259	ug/l	99
78) n-propylbenzene	11.305	91	753077	55.667	ug/l	100
79) 2-Chlorotoluene	11.366	91	456292	55.804	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	547558	56.333	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	68392	55.615	ug/l	91
82) 4-Chlorotoluene	11.457	91	526375	56.714	ug/l	98
83) tert-Butylbenzene	11.719	119	531469	56.298	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	547194	56.460	ug/l	99
85) sec-Butylbenzene	11.890	105	690533	57.776	ug/l	100
86) p-Isopropyltoluene	12.012	119	574523	58.406	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	285184	54.108	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	286168	54.439	ug/l	99
89) n-Butylbenzene	12.335	91	512886	58.396	ug/l	98
90) Hexachloroethane	12.542	117	94600	55.019	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	270336	52.943	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	43115	47.548	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	169042	55.007	ug/l	98
94) Hexachlorobutadiene	13.725	225	79928	58.353	ug/l	100
95) Naphthalene	13.780	128	556793	49.113	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	170044	55.559	ug/l	99

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

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