

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081321\
 Data File : VX023729.D
 Acq On : 14 Aug 2021 07:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/16/2021 5:06:18 PM

Quant Time: Aug 14 08:00:18 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	5.562	168	184348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	305504	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	294697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	131427	57.153	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.300%			
35) Dibromofluoromethane	5.398	113	101188	52.974	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.940%			
50) Toluene-d8	8.653	98	376763	53.686	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.380%			
62) 4-Bromofluorobenzene	11.086	95	143517	60.140	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	76745	45.250	ug/l	96
3) Chloromethane	1.295	50	92367	46.752	ug/l	98
4) Vinyl Chloride	1.374	62	93520	46.762	ug/l	98
5) Bromomethane	1.599	94	56507	47.592	ug/l	95
6) Chloroethane	1.673	64	63765	51.952	ug/l	96
7) Trichlorofluoromethane	1.880	101	158349	49.146	ug/l	98
8) Diethyl Ether	2.142	74	58884	49.514	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	87860	48.131	ug/l	98
10) Methyl Iodide	2.453	142	121371	53.069	ug/l	94
11) Tert butyl alcohol	2.983	59	134810	256.625	ug/l	99
12) 1,1-Dichloroethene	2.319	96	84449	46.622	ug/l	96
13) Acrolein	2.240	56	59725	223.788	ug/l	98
14) Allyl chloride	2.666	41	150672	45.753	ug/l	91
15) Acrylonitrile	3.075	53	314049	264.742	ug/l	98
16) Acetone	2.392	43	295060	261.569	ug/l	89
17) Carbon Disulfide	2.508	76	167625	37.529	ug/l	99
18) Methyl Acetate	2.715	43	155571	58.015	ug/l	92
19) Methyl tert-butyl Ether	3.124	73	332004	52.715	ug/l	99
20) Methylene Chloride	2.794	84	104077	47.432	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	90989	47.287	ug/l	93
22) Diisopropyl ether	3.770	45	344472	52.990	ug/l	93
23) Vinyl Acetate	3.733	43	1500695	261.508	ug/l	95
24) 1,1-Dichloroethane	3.617	63	185784	51.996	ug/l	97
25) 2-Butanone	4.568	43	468549	267.551	ug/l	93
26) 2,2-Dichloropropane	4.483	77	76929	26.325	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	112788	50.472	ug/l	99
28) Bromochloromethane	4.910	49	89275	53.538	ug/l	91
29) Tetrahydrofuran	5.020	42	302405	263.442	ug/l	89
30) Chloroform	5.105	83	197272	53.942	ug/l	100
31) Cyclohexane	5.477	56	154085	45.233	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	167320	53.534	ug/l	98
36) 1,1-Dichloropropene	5.702	75	132813	48.058	ug/l	100
37) Ethyl Acetate	4.727	43	174808	50.168	ug/l #	94
38) Carbon Tetrachloride	5.684	117	141779	50.446	ug/l	98
39) Methylcyclohexane	7.385	83	152389	43.663	ug/l	98
40) Benzene	6.044	78	411887	50.267	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	98622	53.603	ug/l	92
42) 1,2-Dichloroethane	6.099	62	166570	54.979	ug/l	95
43) Isopropyl Acetate	6.349	43	281713	52.175	ug/l	92
44) Trichloroethene	7.129	130	107606	47.802	ug/l	100
45) 1,2-Dichloropropane	7.434	63	111546	51.444	ug/l	97
46) Dibromomethane	7.586	93	78028	53.054	ug/l	97
47) Bromodichloromethane	7.830	83	144311	54.463	ug/l	98
48) Methyl methacrylate	7.702	41	140562	56.210	ug/l	86
49) 1,4-Dioxane	7.665	88	55157	1035.850	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	956446	289.610	ug/l	90
52) Toluene	8.720	92	268833	52.957	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	149356	44.644	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	156565	47.398	ug/l #	87
55) 1,1,2-Trichloroethane	9.159	97	118068	57.436	ug/l	96
56) Ethyl methacrylate	9.122	69	184733	56.063	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	191640	54.864	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	440467	252.335	ug/l	97
59) 2-Hexanone	9.433	43	724673	288.960	ug/l	87
60) Dibromochloromethane	9.525	129	115068	50.485	ug/l	99
61) 1,2-Dibromoethane	9.616	107	123245	56.195	ug/l	99
64) Tetrachloroethene	9.275	164	96514	41.150	ug/l	94
65) Chlorobenzene	10.086	112	300460	49.814	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	112019	48.364	ug/l	98
67) Ethyl Benzene	10.195	91	524662	50.154	ug/l	99
68) m/p-Xylenes	10.305	106	403183	100.214	ug/l	99
69) o-Xylene	10.647	106	201693	50.565	ug/l	100
70) Styrene	10.659	104	337738	53.441	ug/l	97
71) Bromoform	10.805	173	81137	45.039	ug/l #	99
73) Isopropylbenzene	10.964	105	531891	51.406	ug/l	99
74) N-amyl acetate	10.848	43	245754	52.062	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.214	83	175990	52.215	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	157736m	52.274	ug/l	
77) Bromobenzene	11.201	156	130480	52.276	ug/l	96
78) n-propylbenzene	11.311	91	601502	51.365	ug/l	99
79) 2-Chlorotoluene	11.366	91	364404	52.076	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	442939	52.566	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.025	75	43400	38.674	ug/l	89
82) 4-Chlorotoluene	11.457	91	416937	52.668	ug/l	99
83) tert-Butylbenzene	11.720	119	441656	53.434	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	441514	52.676	ug/l	98
85) sec-Butylbenzene	11.896	105	548726	51.201	ug/l	100
86) p-Isopropyltoluene	12.012	119	439644	50.800	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	231293	50.089	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	232920	49.711	ug/l	100
89) n-Butylbenzene	12.335	91	377476	48.181	ug/l	97
90) Hexachloroethane	12.543	117	72983	47.196	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	227684	50.923	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38338	47.017	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	137380	48.905	ug/l	98
94) Hexachlorobutadiene	13.725	225	54660	43.358	ug/l	98
95) Naphthalene	13.780	128	501146	51.887	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	143973	50.754	ug/l	98

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

