

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101621\
 Data File : VX024831.D
 Acq On : 15 Oct 2021 15:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/18/2021 5:39:29 PM

Quant Time: Oct 18 01:43:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 14 03:51:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	173613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	273132	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	102615	48.089	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.180%		
35) Dibromofluoromethane	5.391	113	80520	49.520	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.040%		
50) Toluene-d8	8.653	98	300237	49.918	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.840%		
62) 4-Bromofluorobenzene	11.085	95	116850	49.396	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	90022	48.678	ug/l	99
3) Chloromethane	1.294	50	73354	45.549	ug/l	98
4) Vinyl Chloride	1.374	62	78178	46.854	ug/l	100
5) Bromomethane	1.599	94	46421	53.896	ug/l	100
6) Chloroethane	1.679	64	47449	46.215	ug/l	97
7) Trichlorofluoromethane	1.880	101	131010	45.955	ug/l	98
8) Diethyl Ether	2.136	74	43004	45.942	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	77469	46.211	ug/l	100
10) Methyl Iodide	2.453	142	92566	43.873	ug/l	99
11) Tert butyl alcohol	2.977	59	105166	233.818	ug/l	100
12) 1,1-Dichloroethene	2.319	96	70004	46.215	ug/l	97
13) Acrolein	2.239	56	46929	251.269	ug/l	99
14) Allyl chloride	2.666	41	132115	48.293	ug/l	99
15) Acrylonitrile	3.069	53	239820	239.133	ug/l	100
16) Acetone	2.386	43	225670	210.427	ug/l	98
17) Carbon Disulfide	2.508	76	171691	43.387	ug/l	97
18) Methyl Acetate	2.709	43	167624	47.588	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	274915	49.144	ug/l	98
20) Methylene Chloride	2.788	84	81991	45.307	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	78043	46.172	ug/l	99
22) Diisopropyl ether	3.770	45	270176	48.926	ug/l	94
23) Vinyl Acetate	3.727	43	1056108	249.030	ug/l	98
24) 1,1-Dichloroethane	3.611	63	151181	47.586	ug/l	99
25) 2-Butanone	4.562	43	353711	232.913	ug/l	99
26) 2,2-Dichloropropane	4.477	77	129490	46.874	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	92987	47.985	ug/l	99
28) Bromochloromethane	4.898	49	66527	50.140	ug/l	99
29) Tetrahydrofuran	5.013	42	233025	241.467	ug/l	100
30) Chloroform	5.099	83	165252	48.392	ug/l	98
31) Cyclohexane	5.477	56	139423	49.046	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	151342	49.642	ug/l	99
36) 1,1-Dichloropropene	5.696	75	118115	48.863	ug/l	99
37) Ethyl Acetate	4.721	43	135306	48.587	ug/l	99
38) Carbon Tetrachloride	5.684	117	132618	48.967	ug/l	96
39) Methylcyclohexane	7.385	83	152190	50.788	ug/l	98
40) Benzene	6.044	78	340940	49.074	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	74655	49.134	ug/l	100
42) 1,2-Dichloroethane	6.092	62	137429	48.045	ug/l	99
43) Isopropyl Acetate	6.348	43	211687	49.145	ug/l	99
44) Trichloroethene	7.129	130	94648	48.601	ug/l	98
45) 1,2-Dichloropropane	7.434	63	89373	49.462	ug/l	100
46) Dibromomethane	7.586	93	63888	48.852	ug/l	98
47) Bromodichloromethane	7.824	83	122832	49.679	ug/l	98
48) Methyl methacrylate	7.696	41	107018	50.945	ug/l	99
49) 1,4-Dioxane	7.665	88	43831	968.156	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	715704	250.329	ug/l	99
52) Toluene	8.720	92	227820	50.679	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	140439	51.116	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	146470	50.884	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	94439	49.718	ug/l	99
56) Ethyl methacrylate	9.116	69	146858	46.820	ug/l	97
57) 1,3-Dichloropropane	9.311	76	156573	50.561	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	344434	259.447	ug/l	100
59) 2-Hexanone	9.433	43	554014	234.445	ug/l	98
60) Dibromochloromethane	9.525	129	98638	46.784	ug/l	100
61) 1,2-Dibromoethane	9.610	107	101301	49.618	ug/l	99
64) Tetrachloroethene	9.275	164	95107	50.792	ug/l	98
65) Chlorobenzene	10.079	112	249650	49.837	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	95295	51.274	ug/l	99
67) Ethyl Benzene	10.195	91	447723	51.283	ug/l	99
68) m/p-Xylenes	10.305	106	355433	105.525	ug/l	98
69) o-Xylene	10.646	106	171821	51.984	ug/l	98
70) Styrene	10.659	104	289485	48.860	ug/l	100
71) Bromoform	10.805	173	72684	46.239	ug/l #	99
73) Isopropylbenzene	10.963	105	459630	50.978	ug/l	100
74) N-amyl acetate	10.848	43	185146	49.019	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	148979	48.719	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	140532m	49.414	ug/l	
77) Bromobenzene	11.201	156	111864	48.286	ug/l	99
78) n-propylbenzene	11.305	91	537499	51.744	ug/l	99
79) 2-Chlorotoluene	11.366	91	325158	50.829	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	401487	52.493	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	47752	45.546	ug/l	99
82) 4-Chlorotoluene	11.457	91	376191	50.602	ug/l	100
83) tert-Butylbenzene	11.719	119	387612	52.296	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	401242	52.043	ug/l	100
85) sec-Butylbenzene	11.896	105	498558	52.545	ug/l	100
86) p-Isopropyltoluene	12.012	119	421721	52.961	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	216354	49.537	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	218899	49.040	ug/l	98
89) n-Butylbenzene	12.335	91	373809	53.279	ug/l	100
90) Hexachloroethane	12.542	117	66591	52.120	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	211607	49.015	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	34639	49.512	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	137125	52.044	ug/l	99
94) Hexachlorobutadiene	13.725	225	62403	49.056	ug/l	98
95) Naphthalene	13.780	128	461087	47.995	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	140527	53.073	ug/l	99

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

