

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024536.D
 Acq On : 04 Oct 2021 21:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/5/2021 6:04:51 PM

Quant Time: Oct 05 03:23:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	148680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	262917	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129058	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103849	49.56	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.12%
35) Dibromofluoromethane	5.397	113	81942	46.91	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.82%
50) Toluene-d8	8.653	98	266288	41.42	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	82.84%#
62) 4-Bromofluorobenzene	11.085	95	117781	46.60	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	79745	53.30	ug/l	100
3) Chloromethane	1.294	50	71807	50.92	ug/l	98
4) Vinyl Chloride	1.374	62	69190	46.90	ug/l	100
5) Bromomethane	1.599	94	44600	44.92	ug/l	99
6) Chloroethane	1.678	64	44726	45.55	ug/l	99
7) Trichlorofluoromethane	1.880	101	121070	46.51	ug/l	97
8) Diethyl Ether	2.136	74	42398	47.85	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	73175	49.85	ug/l	95
10) Methyl Iodide	2.453	142	115295	56.13	ug/l	95
11) Tert butyl alcohol	2.983	59	126848	260.81	ug/l	98
12) 1,1-Dichloroethene	2.318	96	68644	50.37	ug/l	93
13) Acrolein	2.239	56	35573	311.31	ug/l	99
14) Allyl chloride	2.666	41	144450	57.97	ug/l	96
15) Acrylonitrile	3.074	53	282516	296.77	ug/l	98
16) Acetone	2.386	43	253135	287.85	ug/l	93
17) Carbon Disulfide	2.507	76	182164	51.84	ug/l	99
18) Methyl Acetate	2.709	43	187917	59.89	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	303296	59.05	ug/l	100
20) Methylene Chloride	2.794	84	94680	60.63	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	87140	56.30	ug/l	97
22) Diisopropyl ether	3.769	45	297463	58.43	ug/l	95
23) Vinyl Acetate	3.727	43	1180212	286.29	ug/l	95
24) 1,1-Dichloroethane	3.611	63	167955	59.42	ug/l	97
25) 2-Butanone	4.568	43	396504	274.76	ug/l	93
26) 2,2-Dichloropropane	4.483	77	114976	45.22	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	102729	56.79	ug/l	99
28) Bromochloromethane	4.909	49	69625	54.26	ug/l	99
29) Tetrahydrofuran	5.019	42	267493	290.90	ug/l	91
30) Chloroform	5.105	83	176443	56.52	ug/l	99
31) Cyclohexane	5.476	56	140570	56.02	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	156813	56.58	ug/l	100
36) 1,1-Dichloropropene	5.702	75	115883	45.98	ug/l	98
37) Ethyl Acetate	4.727	43	151191	48.05	ug/l	96
38) Carbon Tetrachloride	5.684	117	129262	47.11	ug/l	94
39) Methylcyclohexane	7.385	83	144401	48.93	ug/l	99
40) Benzene	6.043	78	369975	51.33	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	84002	51.69	ug/l	93
42) 1,2-Dichloroethane	6.098	62	142050	46.93	ug/l	97
43) Isopropyl Acetate	6.348	43	235058	49.13	ug/l	96
44) Trichloroethene	7.129	130	100273	50.57	ug/l	100
45) 1,2-Dichloropropane	7.440	63	97868	52.63	ug/l	97
46) Dibromomethane	7.586	93	68033	48.79	ug/l	99
47) Bromodichloromethane	7.830	83	123776	48.44	ug/l	98
48) Methyl methacrylate	7.696	41	117635	49.66	ug/l	91
49) 1,4-Dioxane	7.665	88	55953	1031.22	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	732417	231.90	ug/l	91
52) Toluene	8.720	92	210356	45.18	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	131126	45.27	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	152251	51.70	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	90882	47.21	ug/l	99
56) Ethyl methacrylate	9.122	69	144695	47.22	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	147563	45.43	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	395117	261.25	ug/l	99
59) 2-Hexanone	9.433	43	578102	232.43	ug/l	88
60) Dibromochloromethane	9.525	129	96116	44.14	ug/l	100
61) 1,2-Dibromoethane	9.616	107	99168	46.92	ug/l	99
64) Tetrachloroethene	9.275	164	78029	49.78	ug/l	92
65) Chlorobenzene	10.085	112	242276	51.35	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	94221	53.58	ug/l	99
67) Ethyl Benzene	10.195	91	441263	52.83	ug/l	100
68) m/p-Xylenes	10.305	106	367841	114.85	ug/l	100
69) o-Xylene	10.646	106	183013	57.78	ug/l	98
70) Styrene	10.658	104	309279	58.40	ug/l	100
71) Bromoform	10.805	173	79107	51.55	ug/l #	99
73) Isopropylbenzene	10.963	105	473643	51.91	ug/l	99
74) N-amyl acetate	10.847	43	204344	48.69	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	164102	50.86	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	150636m	51.40	ug/l	
77) Bromobenzene	11.201	156	120704	51.41	ug/l	93
78) n-propylbenzene	11.305	91	545498	51.15	ug/l	99
79) 2-Chlorotoluene	11.366	91	334434	51.47	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	412517	52.93	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	49437	46.63	ug/l	96
82) 4-Chlorotoluene	11.457	91	382847	50.08	ug/l	99
83) tert-Butylbenzene	11.719	119	410185	52.49	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	411657	53.12	ug/l	100
85) sec-Butylbenzene	11.896	105	502336	52.25	ug/l	99
86) p-Isopropyltoluene	12.012	119	427013	52.09	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	226496	50.66	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	226748	49.09	ug/l	99
89) n-Butylbenzene	12.335	91	361634	49.82	ug/l	98
90) Hexachloroethane	12.542	117	68986	51.18	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	225972	51.12	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39454	50.64	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	141365	50.23	ug/l	98
94) Hexachlorobutadiene	13.725	225	56712	44.05	ug/l	98
95) Naphthalene	13.780	128	514335	57.10	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	146798	50.91	ug/l	99

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

