

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072821\
 Data File : VX023483.D
 Acq On : 28 Jul 2021 10:11
 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
 7/29/2021 9:26:36 AM

Quant Time: Jul 28 13:27:10 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	200796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	314881	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	279634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	129711	51.786	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.580%			
35) Dibromofluoromethane	5.391	113	103400	52.520	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.040%			
50) Toluene-d8	8.653	98	369323	51.058	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.120%			
62) 4-Bromofluorobenzene	11.085	95	132068	53.694	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	95453	51.671	ug/l	100
3) Chloromethane	1.294	50	102986	47.857	ug/l	98
4) Vinyl Chloride	1.374	62	108249	49.693	ug/l	100
5) Bromomethane	1.599	94	62918	48.651	ug/l	98
6) Chloroethane	1.678	64	71397	53.405	ug/l	98
7) Trichlorofluoromethane	1.880	101	184915	52.689	ug/l	97
8) Diethyl Ether	2.136	74	68634	52.985	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	108229	54.433	ug/l	96
10) Methyl Iodide	2.453	142	137815	55.323	ug/l	97
11) Tert butyl alcohol	2.983	59	136592	238.718	ug/l	99
12) 1,1-Dichloroethene	2.319	96	100042	50.706	ug/l	99
13) Acrolein	2.239	56	78342	269.221	ug/l	100
14) Allyl chloride	2.666	41	183618	51.190	ug/l	95
15) Acrylonitrile	3.075	53	331856	256.838	ug/l	97
16) Acetone	2.392	43	323662	263.421	ug/l	95
17) Carbon Disulfide	2.508	76	227992	46.864	ug/l	99
18) Methyl Acetate	2.709	43	152831	52.325	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	366998	53.498	ug/l	98
20) Methylene Chloride	2.794	84	115135	48.174	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	106775	50.945	ug/l	92
22) Diisopropyl ether	3.770	45	377784	53.354	ug/l	96
23) Vinyl Acetate	3.727	43	1705393	272.835	ug/l	94
24) 1,1-Dichloroethane	3.617	63	205550	52.816	ug/l	97
25) 2-Butanone	4.568	43	493225	258.571	ug/l	94
26) 2,2-Dichloropropane	4.483	77	169303	53.189	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	125638	51.617	ug/l	97
28) Bromochloromethane	4.910	49	93098	51.257	ug/l	95
29) Tetrahydrofuran	5.013	42	316614	253.226	ug/l	89
30) Chloroform	5.105	83	210939	52.955	ug/l	99
31) Cyclohexane	5.477	56	184239	49.654	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	180132	52.912	ug/l	97
36) 1,1-Dichloropropene	5.696	75	152172	53.423	ug/l	99
37) Ethyl Acetate	4.727	43	184032	51.242	ug/l	95
38) Carbon Tetrachloride	5.678	117	157362	54.323	ug/l	99
39) Methylcyclohexane	7.385	83	192076	53.395	ug/l	98
40) Benzene	6.043	78	447325	52.966	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	100857	53.186	ug/l	93
42) 1,2-Dichloroethane	6.092	62	171749	55.000	ug/l	95
43) Isopropyl Acetate	6.348	43	299361	53.792	ug/l	93
44) Trichloroethene	7.129	130	123057	53.038	ug/l	99
45) 1,2-Dichloropropane	7.433	63	119982	53.687	ug/l	97
46) Dibromomethane	7.586	93	83804	55.284	ug/l	99
47) Bromodichloromethane	7.824	83	151269	55.388	ug/l	99
48) Methyl methacrylate	7.696	41	141710	54.982	ug/l	87
49) 1,4-Dioxane	7.665	88	55953	1019.506	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	928219	272.693	ug/l	90
52) Toluene	8.720	92	279005	53.324	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	174176	50.274	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	188133	55.259	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	119828	56.556	ug/l	99
56) Ethyl methacrylate	9.122	69	187806	55.298	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	197309	54.805	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	481844	267.819	ug/l	97
59) 2-Hexanone	9.433	43	702418	271.745	ug/l	88
60) Dibromochloromethane	9.525	129	118397	50.402	ug/l	99
61) 1,2-Dibromoethane	9.610	107	125393	55.471	ug/l	100
64) Tetrachloroethene	9.275	164	119233	53.575	ug/l	94
65) Chlorobenzene	10.079	112	301789	52.729	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	111930	50.877	ug/l	99
67) Ethyl Benzene	10.195	91	533864	53.782	ug/l	99
68) m/p-Xylenes	10.305	106	411748	107.855	ug/l	99
69) o-Xylene	10.646	106	201205	53.160	ug/l	98
70) Styrene	10.659	104	335259	55.906	ug/l	98
71) Bromoform	10.805	173	81007	47.206	ug/l #	97
73) Isopropylbenzene	10.963	105	531749	52.564	ug/l	99
74) N-amyl acetate	10.848	43	244021	52.874	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	168915	51.259	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	159311m	54.001	ug/l	
77) Bromobenzene	11.201	156	131408	53.849	ug/l	94
78) n-propylbenzene	11.305	91	615676	53.775	ug/l	98
79) 2-Chlorotoluene	11.366	91	359642	52.568	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	439851	53.390	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	57253	52.182	ug/l	93
82) 4-Chlorotoluene	11.457	91	411813	53.207	ug/l	98
83) tert-Butylbenzene	11.719	119	431454	53.390	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	447398	54.596	ug/l	100
85) sec-Butylbenzene	11.896	105	561788	53.615	ug/l	99
86) p-Isopropyltoluene	12.012	119	468539	55.373	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	238181	52.757	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	238747	52.117	ug/l	99
89) n-Butylbenzene	12.335	91	417954	54.565	ug/l	97
90) Hexachloroethane	12.542	117	73660	48.659	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	230559	52.742	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	36382	45.698	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	150710	54.874	ug/l	99
94) Hexachlorobutadiene	13.725	225	66433	53.899	ug/l	99
95) Naphthalene	13.780	128	519128	54.975	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	152693	55.055	ug/l	99

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

