

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061121\
 Data File : VX022681.D
 Acq On : 11 Jun 2021 20:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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6/14/2021 9:38:46 AM

Quant Time: Jun 12 02:33:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	69073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	142489	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	130402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56820	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.964	65	60094	48.375	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.740%
35) Dibromofluoromethane	5.391	113	43278	47.605	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.200%
50) Toluene-d8	8.653	98	171775	47.931	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.860%
62) 4-Bromofluorobenzene	11.085	95	64894	47.879	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.760%

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Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.172	85	41109	50.716	ug/l	99
3) Chloromethane	1.294	50	45568	46.524	ug/l	98
4) Vinyl Chloride	1.374	62	47643	49.505	ug/l	99
5) Bromomethane	1.599	94	16543	31.599	ug/l	92
6) Chloroethane	1.678	64	29150	50.023	ug/l	99
7) Trichlorofluoromethane	1.886	101	69901	50.439	ug/l	98
8) Diethyl Ether	2.136	74	28034	50.071	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	41683	49.300	ug/l	88
10) Methyl Iodide	2.453	142	23655	24.953	ug/l	94
11) Tert butyl alcohol	2.983	59	67175	233.546	ug/l	99
12) 1,1-Dichloroethene	2.319	96	42083	50.183	ug/l	92
13) Acrolein	2.245	56	33518	278.075	ug/l	99
14) Allyl chloride	2.666	41	83407	51.446	ug/l	95
15) Acrylonitrile	3.075	53	150344	266.138	ug/l	99
16) Acetone	2.392	43	138195	248.439	ug/l	95
17) Carbon Disulfide	2.514	76	96922	51.361	ug/l	99
18) Methyl Acetate	2.715	43	85279	50.932	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	153563	52.774	ug/l	97
20) Methylene Chloride	2.794	84	53590	49.893	ug/l #	90
21) trans-1,2-Dichloroethene	3.093	96	47241	50.839	ug/l	94
22) Diisopropyl ether	3.770	45	169201	52.735	ug/l	90
23) Vinyl Acetate	3.733	43	800010	270.560	ug/l	94
24) 1,1-Dichloroethane	3.617	63	95928	51.522	ug/l	99
25) 2-Butanone	4.568	43	240067	266.109	ug/l	90
26) 2,2-Dichloropropane	4.483	77	59790	42.107	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	56223	49.659	ug/l	95
28) Bromochloromethane	4.904	49	46237	51.358	ug/l #	77
29) Tetrahydrofuran	5.019	42	139846	266.237	ug/l	88
30) Chloroform	5.105	83	94789	51.075	ug/l	100
31) Cyclohexane	5.477	56	73949	49.345	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	77810	49.403	ug/l	96
36) 1,1-Dichloropropene	5.696	75	68716	48.401	ug/l	95
37) Ethyl Acetate	4.727	43	91732	50.836	ug/l #	93
38) Carbon Tetrachloride	5.684	117	61465	50.612	ug/l	100
39) Methylcyclohexane	7.385	83	69112	46.664	ug/l	98
40) Benzene	6.050	78	211689	50.118	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	49349	51.033	ug/l	91
42) 1,2-Dichloroethane	6.098	62	78683	50.645	ug/l	98
43) Isopropyl Acetate	6.354	43	150421	52.785	ug/l	93
44) Trichloroethene	7.135	130	48459	48.872	ug/l	96
45) 1,2-Dichloropropane	7.434	63	57593	50.536	ug/l	92
46) Dibromomethane	7.586	93	37170	48.473	ug/l #	84
47) Bromodichloromethane	7.830	83	69041	46.484	ug/l	94
48) Methyl methacrylate	7.696	41	72469	52.973	ug/l	88
49) 1,4-Dioxane	7.665	88	24604	944.938	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	485297	268.282	ug/l	91
52) Toluene	8.720	92	130950	49.813	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	77998	44.392	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	85802	45.438	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	55796	51.872	ug/l	97
56) Ethyl methacrylate	9.122	69	93846	48.315	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	98088	52.433	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	246834	254.547	ug/l	94
59) 2-Hexanone	9.433	43	371762	268.989	ug/l	89
60) Dibromochloromethane	9.525	129	48329	46.014	ug/l	100
61) 1,2-Dibromoethane	9.616	107	55234	51.448	ug/l	99
64) Tetrachloroethene	9.275	164	40318	48.891	ug/l #	89
65) Chlorobenzene	10.086	112	137220	50.489	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	45981	46.859	ug/l	97
67) Ethyl Benzene	10.195	91	255909	51.148	ug/l	98
68) m/p-Xylenes	10.305	106	186201	102.746	ug/l	96
69) o-Xylene	10.646	106	93089	53.015	ug/l	99
70) Styrene	10.659	104	155477	48.004	ug/l	96
71) Bromoform	10.805	173	29219	45.735	ug/l #	98
73) Isopropylbenzene	10.963	105	244832	52.477	ug/l	98
74) N-amyl acetate	10.848	43	140357	55.939	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	90695	54.653	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	80614m	53.510	ug/l	
77) Bromobenzene	11.201	156	51179	51.349	ug/l	82
78) n-propylbenzene	11.305	91	289778	51.422	ug/l	96
79) 2-Chlorotoluene	11.366	91	176513	51.763	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	203298	52.310	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	24991	43.786	ug/l	91
82) 4-Chlorotoluene	11.457	91	200567	51.398	ug/l	95
83) tert-Butylbenzene	11.719	119	189331	51.870	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	205307	52.082	ug/l	98
85) sec-Butylbenzene	11.896	105	241924	50.745	ug/l	97
86) p-Isopropyltoluene	12.012	119	198016	50.312	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	95613	50.543	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	96103	49.350	ug/l	96
89) n-Butylbenzene	12.335	91	188632	50.061	ug/l	98
90) Hexachloroethane	12.542	117	29209	45.045	ug/l	73
91) 1,2-Dichlorobenzene	12.335	146	94532	51.283	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19565	49.986	ug/l	75
93) 1,2,4-Trichlorobenzene	13.591	180	54078	48.901	ug/l	97
94) Hexachlorobutadiene	13.731	225	18254	46.029	ug/l	97
95) Naphthalene	13.780	128	238069	49.319	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	56512	52.418	ug/l	97

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

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