

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061421\
 Data File : VX022683.D
 Acq On : 14 Jun 2021 10:22
 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

Quant Time: Jun 15 06:07:45 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	5.562	168	75687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	145243	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58104	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61584	45.242	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.480%
35) Dibromofluoromethane	5.391	113	45311	48.896	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.800%
50) Toluene-d8	8.653	98	177626	48.624	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.240%
62) 4-Bromofluorobenzene	11.085	95	69815	50.533	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.060%

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Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	44992	50.656	ug/l	98
3) Chloromethane	1.294	50	49465	46.090	ug/l	100
4) Vinyl Chloride	1.374	62	49447	46.890	ug/l	97
5) Bromomethane	1.599	94	28477	49.641	ug/l	93
6) Chloroethane	1.678	64	30082	47.111	ug/l	97
7) Trichlorofluoromethane	1.886	101	75275	49.570	ug/l	97
8) Diethyl Ether	2.136	74	28216	45.993	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	46736	50.446	ug/l	91
10) Methyl Iodide	2.453	142	44786	43.115	ug/l	93
11) Tert butyl alcohol	2.977	59	61807	196.105	ug/l	97
12) 1,1-Dichloroethene	2.319	96	43966	47.847	ug/l	98
13) Acrolein	2.239	56	36983	280.009	ug/l	98
14) Allyl chloride	2.666	41	88141	49.615	ug/l	95
15) Acrylonitrile	3.068	53	146055	235.952	ug/l	99
16) Acetone	2.386	43	123056	201.891	ug/l	93
17) Carbon Disulfide	2.514	76	107186	51.837	ug/l	100
18) Methyl Acetate	2.709	43	80675	43.972	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	158374	49.671	ug/l	97
20) Methylene Chloride	2.794	84	56211	47.748	ug/l	86
21) trans-1,2-Dichloroethene	3.093	96	49459	48.575	ug/l	92
22) Diisopropyl ether	3.769	45	175259	49.850	ug/l	96
23) Vinyl Acetate	3.727	43	823650	254.213	ug/l	94
24) 1,1-Dichloroethane	3.617	63	99670	48.854	ug/l	100
25) 2-Butanone	4.568	43	223232	225.825	ug/l #	88
26) 2,2-Dichloropropane	4.483	77	84791	54.496	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	59833	48.229	ug/l	95
28) Bromochloromethane	4.903	49	49401	50.077	ug/l #	77
29) Tetrahydrofuran	5.013	42	132198	229.683	ug/l	87
30) Chloroform	5.099	83	99773	49.063	ug/l	99
31) Cyclohexane	5.470	56	78782	47.976	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	81642	47.345	ug/l	97
36) 1,1-Dichloropropene	5.696	75	74222	51.288	ug/l	96
37) Ethyl Acetate	4.721	43	88218	47.962	ug/l #	94
38) Carbon Tetrachloride	5.684	117	66793	53.956	ug/l	94
39) Methylcyclohexane	7.385	83	79390	52.587	ug/l	96
40) Benzene	6.043	78	224107	52.052	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	48734	49.441	ug/l	92
42) 1,2-Dichloroethane	6.092	62	81050	51.179	ug/l	97
43) Isopropyl Acetate	6.348	43	150184	51.702	ug/l	93
44) Trichloroethene	7.129	130	52415	51.860	ug/l	91
45) 1,2-Dichloropropane	7.433	63	60006	51.655	ug/l	95
46) Dibromomethane	7.586	93	38951	49.794	ug/l #	84
47) Bromodichloromethane	7.824	83	74376	48.974	ug/l	99
48) Methyl methacrylate	7.696	41	70515	50.567	ug/l	91
49) 1,4-Dioxane	7.665	88	24256	913.909	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	464410	251.867	ug/l	91
52) Toluene	8.720	92	137659	51.372	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	88580	49.086	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	95769	49.517	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	56712	51.724	ug/l	98
56) Ethyl methacrylate	9.122	69	93109	47.088	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	100002	52.442	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	248509	251.415	ug/l	94
59) 2-Hexanone	9.433	43	359891	255.462	ug/l	88
60) Dibromochloromethane	9.525	129	52321	48.673	ug/l	100
61) 1,2-Dibromoethane	9.616	107	57467	52.513	ug/l	100
64) Tetrachloroethene	9.275	164	44329	52.074	ug/l #	91
65) Chlorobenzene	10.085	112	144456	51.490	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	49625	48.908	ug/l	96
67) Ethyl Benzene	10.195	91	273839	53.020	ug/l	97
68) m/p-Xylenes	10.305	106	198308	106.005	ug/l	95
69) o-Xylene	10.646	106	96962	53.494	ug/l	96
70) Styrene	10.659	104	166059	49.618	ug/l	97
71) Bromoform	10.805	173	31488	47.537	ug/l #	98
73) Isopropylbenzene	10.963	105	258840	54.253	ug/l	98
74) N-amyl acetate	10.847	43	139756	54.468	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	90702	53.449	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	80764m	52.425	ug/l	
77) Bromobenzene	11.201	156	53217	52.214	ug/l	82
78) n-propylbenzene	11.305	91	318820	55.325	ug/l	96
79) 2-Chlorotoluene	11.366	91	184958	53.041	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	216680	54.522	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	30235	50.705	ug/l	93
82) 4-Chlorotoluene	11.457	91	216464	54.246	ug/l	94
83) tert-Butylbenzene	11.719	119	200758	53.786	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	222835	55.279	ug/l	96
85) sec-Butylbenzene	11.896	105	266119	54.586	ug/l	97
86) p-Isopropyltoluene	12.012	119	221040	54.920	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	102695	53.087	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	104931	52.693	ug/l	96
89) n-Butylbenzene	12.335	91	216781	56.260	ug/l	96
90) Hexachloroethane	12.542	117	33692	50.341	ug/l	70
91) 1,2-Dichlorobenzene	12.335	146	99813	52.951	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18621	46.796	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	60047	53.098	ug/l	97
94) Hexachlorobutadiene	13.731	225	22022	54.304	ug/l	98
95) Naphthalene	13.780	128	241816	48.998	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	58837	53.369	ug/l	96

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

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