

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010552.D
 Acq On : 28 Jun 2019 22:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/1/2019 10:40:43 AM

Quant Time: Jun 29 06:37:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	224493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	341535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	311916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159706	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	107681	51.16	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.32%	
35) Dibromofluoromethane	5.50	113	104786	50.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.30%	
50) Toluene-d8	8.71	98	393067	49.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.13	95	141970	49.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	65747	42.126	ug/l	100
3) Chloromethane	1.32	50	76825	42.272	ug/l	99
4) Vinyl Chloride	1.41	62	84685	42.543	ug/l	99
5) Bromomethane	1.64	94	47605	49.089	ug/l	100
6) Chloroethane	1.71	64	57110	48.629	ug/l	97
7) Trichlorofluoromethane	1.93	101	148705	47.125	ug/l	97
8) Diethyl Ether	2.19	74	54119	47.824	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	86091	45.020	ug/l	99
10) Methyl Iodide	2.51	142	128834	47.208	ug/l	98
11) Tert butyl alcohol	3.05	59	129152	234.494	ug/l	100
12) 1,1-Dichloroethene	2.37	96	87181	44.803	ug/l	99
13) Acrolein	2.29	56	104423	285.803	ug/l	99
14) Allyl chloride	2.73	41	126516	45.797	ug/l	99
15) Acrylonitrile	3.14	53	270351	247.924	ug/l	100
16) Acetone	2.45	43	224838	213.140	ug/l	99
17) Carbon Disulfide	2.57	76	198572	38.037	ug/l	99
18) Methyl Acetate	2.78	43	105341	50.104	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	293300	47.913	ug/l	98
20) Methylene Chloride	2.85	84	102073	47.019	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	94003	44.918	ug/l	98
22) Diisopropyl ether	3.85	45	280058	48.487	ug/l	96
23) Vinyl Acetate	3.81	43	1213463	243.192	ug/l	98
24) 1,1-Dichloroethane	3.70	63	158898	47.593	ug/l	100
25) 2-Butanone	4.68	43	369276	238.646	ug/l	98
26) 2,2-Dichloropropane	4.58	77	109271	37.676	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	113745	47.033	ug/l	97
28) Bromochloromethane	5.01	49	81636	51.142	ug/l	97
29) Tetrahydrofuran	5.13	42	237233	247.515	ug/l	99
30) Chloroform	5.21	83	173229	48.223	ug/l	99
31) Cyclohexane	5.58	56	135576	44.593	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	148753	46.897	ug/l	99
36) 1,1-Dichloropropene	5.80	75	118489	43.658	ug/l	99
37) Ethyl Acetate	4.84	43	138028	49.436	ug/l	98
38) Carbon Tetrachloride	5.79	117	129199	43.961	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	152260	42.680	ug/l	99
40) Benzene	6.14	78	392299	46.396	ug/l	99
41) Methacrylonitrile	5.04	41	74093	48.365	ug/l	98
42) 1,2-Dichloroethane	6.19	62	125898	48.914	ug/l	99
43) Isopropyl Acetate	6.45	43	221711	47.995	ug/l	99
44) Trichloroethene	7.21	130	115324	45.581	ug/l	96
45) 1,2-Dichloropropane	7.51	63	99022	46.375	ug/l	100
46) Dibromomethane	7.66	93	71748	46.833	ug/l	97
47) Bromodichloromethane	7.90	83	129627	46.171	ug/l	99
48) Methyl methacrylate	7.77	41	105146	48.969	ug/l	99
49) 1,4-Dioxane	7.74	88	60892	984.434	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	739933	250.450	ug/l	98
52) Toluene	8.78	92	254998	45.795	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	138423	43.976	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	155058	45.330	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	110885	48.285	ug/l	98
56) Ethyl methacrylate	9.18	69	165837	47.670	ug/l	98
57) 1,3-Dichloropropane	9.37	76	170269	47.764	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	410069	248.197	ug/l	100
59) 2-Hexanone	9.49	43	568465	244.476	ug/l	98
60) Dibromochloromethane	9.58	129	117466	45.684	ug/l	99
61) 1,2-Dibromoethane	9.67	107	116665	47.066	ug/l	99
64) Tetrachloroethene	9.34	164	117737	46.668	ug/l	99
65) Chlorobenzene	10.13	112	293125	46.289	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	107509	46.609	ug/l	98
67) Ethyl Benzene	10.25	91	498072	46.590	ug/l	99
68) m/p-Xylenes	10.36	106	386063	93.199	ug/l	100
69) o-Xylene	10.69	106	191283	46.956	ug/l	97
70) Styrene	10.71	104	325280	47.614	ug/l	99
71) Bromoform	10.85	173	88981	44.360	ug/l #	99
73) Isopropylbenzene	11.02	105	503139	46.475	ug/l	99
74) N-amyl acetate	10.90	43	199757	48.823	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	169072	47.157	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	139474m	47.925	ug/l	
77) Bromobenzene	11.26	156	138147	45.699	ug/l	100
78) n-propylbenzene	11.36	91	560006	47.066	ug/l	99
79) 2-Chlorotoluene	11.42	91	330269	46.614	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	418473	46.889	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	49320	39.535	ug/l	94
82) 4-Chlorotoluene	11.51	91	377921	46.876	ug/l	100
83) tert-Butylbenzene	11.77	119	414275	46.248	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	424458	47.337	ug/l	99
85) sec-Butylbenzene	11.94	105	497864	47.336	ug/l	100
86) p-Isopropyltoluene	12.06	119	452221	46.485	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	241659	45.797	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	241330	44.924	ug/l	99
89) n-Butylbenzene	12.38	91	384367	46.496	ug/l	99
90) Hexachloroethane	12.60	117	72051	42.832	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	240332	45.826	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34559	44.707	ug/l	95

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93) 1,2,4-Trichlorobenzene	13.65	180	166312	45.729	ug/l	98
94) Hexachlorobutadiene	13.78	225	78650	44.248	ug/l	99
95) Naphthalene	13.83	128	530646	47.479	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	168942	46.720	ug/l	99

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

