

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102419\
 Data File : VX013198.D
 Acq On : 23 Oct 2019 19:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/25/2019 4:33:25 PM

Quant Time: Oct 24 04:26:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	88498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	127372	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	129398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	88701	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	91768	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
35) Dibromofluoromethane	5.49	113	71653	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	8.71	98	264071	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
62) 4-Bromofluorobenzene	11.13	95	103748	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	80318	44.978	ug/l	98
3) Chloromethane	1.32	50	72147	49.079	ug/l	97
4) Vinyl Chloride	1.40	62	74813	46.553	ug/l	99
5) Bromomethane	1.63	94	38179	44.822	ug/l	96
6) Chloroethane	1.71	64	46673	51.998	ug/l	95
7) Trichlorofluoromethane	1.92	101	121711	48.007	ug/l	99
8) Diethyl Ether	2.18	74	42132	48.442	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	71516	45.537	ug/l	99
10) Methyl Iodide	2.50	142	93590	47.492	ug/l	100
11) Tert butyl alcohol	3.04	59	98648	245.647	ug/l	99
12) 1,1-Dichloroethene	2.36	96	71513	47.436	ug/l	99
13) Acrolein	2.28	56	51182	235.679	ug/l	96
14) Allyl chloride	2.72	41	112335	47.331	ug/l	99
15) Acrylonitrile	3.13	53	202031	247.626	ug/l	99
16) Acetone	2.44	43	184101	211.117	ug/l	97
17) Carbon Disulfide	2.56	76	184954	45.634	ug/l	99
18) Methyl Acetate	2.76	43	97324	51.090	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	257908	48.581	ug/l	100
20) Methylene Chloride	2.84	84	81667	50.079	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	76883	49.024	ug/l	90
22) Diisopropyl ether	3.84	45	225387	48.568	ug/l	96
23) Vinyl Acetate	3.80	43	989510	250.867	ug/l	100
24) 1,1-Dichloroethane	3.69	63	137056	48.015	ug/l	99
25) 2-Butanone	4.66	43	273249	233.649	ug/l	98
26) 2,2-Dichloropropane	4.58	77	116471	44.151	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	88137	47.737	ug/l	98
28) Bromochloromethane	5.00	49	39372	53.493	ug/l	100
29) Tetrahydrofuran	5.12	42	169182	240.000	ug/l	99
30) Chloroform	5.20	83	146016	48.046	ug/l	99
31) Cyclohexane	5.57	56	113705	47.500	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	131244	48.570	ug/l	99
36) 1,1-Dichloropropene	5.79	75	104464	48.994	ug/l	98
37) Ethyl Acetate	4.82	43	106545	50.196	ug/l	99
38) Carbon Tetrachloride	5.78	117	110852	47.085	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	123918	45.445	ug/l	99
40) Benzene	6.14	78	309094	48.313	ug/l	97
41) Methacrylonitrile	5.03	41	57605	50.621	ug/l	99
42) 1,2-Dichloroethane	6.18	62	121577	50.401	ug/l	100
43) Isopropyl Acetate	6.43	43	178599	50.679	ug/l	100
44) Trichloroethene	7.20	130	85706	47.201	ug/l	99
45) 1,2-Dichloropropane	7.51	63	77310	48.246	ug/l	95
46) Dibromomethane	7.65	93	55872	48.396	ug/l	99
47) Bromodichloromethane	7.89	83	111707	49.651	ug/l	98
48) Methyl methacrylate	7.76	41	86741	49.800	ug/l	99
49) 1,4-Dioxane	7.73	88	41134	927.885	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	529679	246.586	ug/l	99
52) Toluene	8.78	92	199281	47.001	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	121878	50.977	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	132932	50.825	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	82041	48.942	ug/l	98
56) Ethyl methacrylate	9.17	69	132257	52.422	ug/l	98
57) 1,3-Dichloropropane	9.37	76	136628	48.306	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	268265	272.504	ug/l	100
59) 2-Hexanone	9.49	43	410399	248.030	ug/l	98
60) Dibromochloromethane	9.58	129	89999	51.238	ug/l	100
61) 1,2-Dibromoethane	9.67	107	88438	49.696	ug/l	98
64) Tetrachloroethene	9.33	164	83314	52.270	ug/l	95
65) Chlorobenzene	10.14	112	213025	47.029	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	82467	49.283	ug/l	99
67) Ethyl Benzene	10.25	91	392158	48.360	ug/l	99
68) m/p-Xylenes	10.35	106	290437	94.772	ug/l	100
69) o-Xylene	10.70	106	141890	48.265	ug/l	98
70) Styrene	10.71	104	246329	48.662	ug/l	99
71) Bromoform	10.85	173	62991	51.519	ug/l #	100
73) Isopropylbenzene	11.01	105	382800	47.524	ug/l	100
74) N-amyl acetate	10.89	43	150122	50.779	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	121736	49.774	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	96358m	45.072	ug/l	
77) Bromobenzene	11.25	156	91938	47.623	ug/l	99
78) n-propylbenzene	11.35	91	396213	45.284	ug/l	100
79) 2-Chlorotoluene	11.42	91	258574	46.773	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	325668	48.643	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	39990	51.402	ug/l	100
82) 4-Chlorotoluene	11.51	91	307680	49.120	ug/l	97
83) tert-Butylbenzene	11.76	119	315500	47.630	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	330786	48.982	ug/l	99
85) sec-Butylbenzene	11.94	105	347885	46.151	ug/l	99
86) p-Isopropyltoluene	12.06	119	337164	47.611	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	166144	47.638	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	160839	45.295	ug/l	99
89) n-Butylbenzene	12.39	91	280777	48.467	ug/l	100
90) Hexachloroethane	12.59	117	56883	47.964	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	164810	48.056	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	30568	50.260	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	103468	47.912	ug/l	94
94) Hexachlorobutadiene	13.78	225	50645	45.336	ug/l	96
95) Naphthalene	13.83	128	348483	52.578	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	103383	48.446	ug/l	99

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

