

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102519\
 Data File : VX013217.D
 Acq On : 24 Oct 2019 17:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/28/2019 12:53:58 PM

Quant Time: Oct 25 05:17:40 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	80895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	115768	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	118689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	81086	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	83188	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
35) Dibromofluoromethane	5.49	113	66416	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	8.71	98	239519	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.14	95	95831	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	76578	46.914	ug/l	99
3) Chloromethane	1.32	50	63221	47.089	ug/l	98
4) Vinyl Chloride	1.40	62	69009	46.977	ug/l	100
5) Bromomethane	1.63	94	35814	45.997	ug/l	96
6) Chloroethane	1.71	64	43211	52.701	ug/l	99
7) Trichlorofluoromethane	1.92	101	117939	50.873	ug/l	97
8) Diethyl Ether	2.18	74	40231	50.604	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	70014	48.771	ug/l	100
10) Methyl Iodide	2.50	142	79993	44.638	ug/l	99
11) Tert butyl alcohol	3.03	59	99516	271.209	ug/l	99
12) 1,1-Dichloroethene	2.36	96	66810	48.482	ug/l	99
13) Acrolein	2.28	56	60684	305.695	ug/l	97
14) Allyl chloride	2.72	41	104422	48.132	ug/l	99
15) Acrylonitrile	3.13	53	188460	252.703	ug/l	99
16) Acetone	2.44	43	198915	249.543	ug/l	98
17) Carbon Disulfide	2.56	76	169219	45.675	ug/l	99
18) Methyl Acetate	2.76	43	91036	52.258	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	242585	49.989	ug/l	99
20) Methylene Chloride	2.84	84	76568	51.358	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	73210	51.049	ug/l	95
22) Diisopropyl ether	3.84	45	207947	49.021	ug/l	97
23) Vinyl Acetate	3.80	43	920821	255.394	ug/l	99
24) 1,1-Dichloroethane	3.69	63	128421	49.219	ug/l	99
25) 2-Butanone	4.66	43	263514	246.502	ug/l	98
26) 2,2-Dichloropropane	4.57	77	117934	48.907	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	83285	49.349	ug/l	99
28) Bromochloromethane	5.00	49	34562	51.371	ug/l	100
29) Tetrahydrofuran	5.11	42	156521	242.908	ug/l	99
30) Chloroform	5.20	83	137762	49.590	ug/l	96
31) Cyclohexane	5.57	56	107639	49.192	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	125298	50.727	ug/l	98
36) 1,1-Dichloropropene	5.79	75	99382	51.286	ug/l	100
37) Ethyl Acetate	4.82	43	98184	50.894	ug/l	99
38) Carbon Tetrachloride	5.78	117	108325	50.623	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	119749	48.318	ug/l	96
40) Benzene	6.13	78	290683	49.990	ug/l	98
41) Methacrylonitrile	5.03	41	55896	54.042	ug/l	98
42) 1,2-Dichloroethane	6.18	62	112801	51.451	ug/l	100
43) Isopropyl Acetate	6.43	43	163593	51.074	ug/l	99
44) Trichloroethene	7.21	130	83675	50.701	ug/l	99
45) 1,2-Dichloropropane	7.51	63	72494	49.776	ug/l	98
46) Dibromomethane	7.65	93	52368	49.908	ug/l	99
47) Bromodichloromethane	7.89	83	107418	52.530	ug/l	97
48) Methyl methacrylate	7.76	41	80937	51.125	ug/l	99
49) 1,4-Dioxane	7.73	88	40963	1016.647	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	499854	256.026	ug/l	99
52) Toluene	8.78	92	189109	49.073	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	118117	54.356	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	126125	53.056	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	77634	50.955	ug/l	98
56) Ethyl methacrylate	9.17	69	122864	53.580	ug/l	99
57) 1,3-Dichloropropane	9.37	76	127296	49.517	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	249188	278.498	ug/l	99
59) 2-Hexanone	9.48	43	390677	259.778	ug/l	98
60) Dibromochloromethane	9.57	129	85302	53.431	ug/l	99
61) 1,2-Dibromoethane	9.67	107	81883	50.625	ug/l	99
64) Tetrachloroethene	9.33	164	78250	53.570	ug/l	97
65) Chlorobenzene	10.14	112	205192	49.387	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	78638	51.235	ug/l	100
67) Ethyl Benzene	10.25	91	366847	49.320	ug/l	99
68) m/p-Xylenes	10.35	106	279832	99.550	ug/l	99
69) o-Xylene	10.70	106	132953	49.306	ug/l	99
70) Styrene	10.71	104	235106	50.635	ug/l	100
71) Bromoform	10.85	173	61651	54.973	ug/l	100
73) Isopropylbenzene	11.01	105	367673	49.933	ug/l	100
74) N-amyl acetate	10.89	43	140844	52.115	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	109977	49.189	ug/l	95
76) 1,2,3-Trichloropropane	11.29	75	93369m	47.776	ug/l	
77) Bromobenzene	11.25	156	87003	49.299	ug/l	97
78) n-propylbenzene	11.35	91	394212	49.286	ug/l	99
79) 2-Chlorotoluene	11.42	91	253326	50.127	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	316034	51.637	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.07	75	38573	54.237	ug/l	98
82) 4-Chlorotoluene	11.51	91	279232	48.765	ug/l	100
83) tert-Butylbenzene	11.76	119	303364	50.099	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	314373	50.924	ug/l	99
85) sec-Butylbenzene	11.94	105	342331	49.679	ug/l	99
86) p-Isopropyltoluene	12.06	119	324854	50.180	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	161121	50.536	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	154900	47.719	ug/l	100
89) n-Butylbenzene	12.39	91	265384	50.112	ug/l	97
90) Hexachloroethane	12.59	117	57357	52.906	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	152983	48.797	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	30030	54.012	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	102911	52.129	ug/l	97
94) Hexachlorobutadiene	13.78	225	49066	48.047	ug/l	96
95) Naphthalene	13.83	128	333584	55.056	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	100888	51.717	ug/l	99

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

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