

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102519\
 Data File : VX013237.D
 Acq On : 25 Oct 2019 17:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/28/2019 12:53:06 PM

Quant Time: Oct 26 01:21:23 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	75586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	109508	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	110464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	74529	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	81767	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
35) Dibromofluoromethane	5.48	113	64292	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
50) Toluene-d8	8.71	98	229376	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
62) 4-Bromofluorobenzene	11.14	95	91135	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	73697	48.320	ug/l	98
3) Chloromethane	1.32	50	56899	45.393	ug/l	97
4) Vinyl Chloride	1.40	62	63562	46.309	ug/l	96
5) Bromomethane	1.63	94	29098	39.996	ug/l	97
6) Chloroethane	1.71	64	40767	53.238	ug/l	96
7) Trichlorofluoromethane	1.92	101	113418	52.351	ug/l	98
8) Diethyl Ether	2.18	74	36457	49.078	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	66121	49.294	ug/l	99
10) Methyl Iodide	2.50	142	62540	37.928	ug/l	99
11) Tert butyl alcohol	3.04	59	93978	274.117	ug/l	99
12) 1,1-Dichloroethene	2.36	96	62521	48.556	ug/l	97
13) Acrolein	2.28	56	45858	247.235	ug/l	98
14) Allyl chloride	2.72	41	96664	47.686	ug/l	98
15) Acrylonitrile	3.13	53	175927	252.466	ug/l	99
16) Acetone	2.44	43	174442	234.212	ug/l	97
17) Carbon Disulfide	2.56	76	157324	45.447	ug/l	100
18) Methyl Acetate	2.76	43	85116	52.291	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	230756	50.891	ug/l	99
20) Methylene Chloride	2.84	84	72690	52.177	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	67599	50.453	ug/l	91
22) Diisopropyl ether	3.84	45	196183	49.496	ug/l	96
23) Vinyl Acetate	3.80	43	854987	253.790	ug/l	100
24) 1,1-Dichloroethane	3.69	63	119800	49.140	ug/l	99
25) 2-Butanone	4.66	43	242116	242.393	ug/l	100
26) 2,2-Dichloropropane	4.57	77	109217	48.473	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	77335	49.042	ug/l	99
28) Bromochloromethane	5.01	49	33336	53.029	ug/l	100
29) Tetrahydrofuran	5.12	42	148598	246.810	ug/l	99
30) Chloroform	5.20	83	133830	51.558	ug/l	98
31) Cyclohexane	5.57	56	99068	48.455	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	121630	52.701	ug/l	99
36) 1,1-Dichloropropene	5.79	75	95860	52.298	ug/l	100
37) Ethyl Acetate	4.82	43	92109	50.474	ug/l	100
38) Carbon Tetrachloride	5.78	117	103685	51.225	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	111426	47.530	ug/l	97
40) Benzene	6.13	78	273356	49.697	ug/l	98
41) Methacrylonitrile	5.03	41	51435	52.572	ug/l	99
42) 1,2-Dichloroethane	6.19	62	108961	52.540	ug/l	100
43) Isopropyl Acetate	6.44	43	154398	50.959	ug/l	99
44) Trichloroethene	7.20	130	76769	49.176	ug/l	99
45) 1,2-Dichloropropane	7.51	63	67254	48.818	ug/l	97
46) Dibromomethane	7.65	93	49051	49.419	ug/l	99
47) Bromodichloromethane	7.89	83	101678	52.566	ug/l	98
48) Methyl methacrylate	7.76	41	75088	50.142	ug/l	99
49) 1,4-Dioxane	7.73	88	41293	1083.422	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	476584	258.061	ug/l	99
52) Toluene	8.78	92	178734	49.032	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	111365	54.178	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	117871	52.419	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	72916	50.594	ug/l	97
56) Ethyl methacrylate	9.17	69	114154	52.627	ug/l	99
57) 1,3-Dichloropropane	9.37	76	121575	49.995	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	228781	270.307	ug/l	100
59) 2-Hexanone	9.49	43	369959	260.064	ug/l	99
60) Dibromochloromethane	9.58	129	81735	54.124	ug/l	98
61) 1,2-Dibromoethane	9.67	107	78956	51.606	ug/l	98
64) Tetrachloroethene	9.33	164	73358	53.975	ug/l	98
65) Chlorobenzene	10.14	112	190393	49.237	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	76303	53.416	ug/l	97
67) Ethyl Benzene	10.25	91	347618	50.215	ug/l	97
68) m/p-Xylenes	10.36	106	259520	99.199	ug/l	99
69) o-Xylene	10.70	106	127798	50.923	ug/l	99
70) Styrene	10.71	104	222271	51.435	ug/l	99
71) Bromoform	10.86	173	58574	56.118	ug/l #	99
73) Isopropylbenzene	11.01	105	342514	50.608	ug/l	99
74) N-amyl acetate	10.89	43	133048	53.562	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	103992	50.604	ug/l	96
76) 1,2,3-Trichloropropane	11.29	75	92221m	51.340	ug/l	
77) Bromobenzene	11.25	156	81388	50.175	ug/l	98
78) n-propylbenzene	11.35	91	381014	51.827	ug/l	99
79) 2-Chlorotoluene	11.42	91	238177	51.276	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	304855	54.192	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	34395	52.617	ug/l	98
82) 4-Chlorotoluene	11.51	91	261662	49.717	ug/l	99
83) tert-Butylbenzene	11.76	119	284966	51.201	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	303105	53.418	ug/l	99
85) sec-Butylbenzene	11.94	105	334541	52.820	ug/l	100
86) p-Isopropyltoluene	12.06	119	310159	52.125	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	149393	50.980	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	142029	47.603	ug/l	96
89) n-Butylbenzene	12.39	91	261829	53.791	ug/l	94
90) Hexachloroethane	12.59	117	52280	52.465	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	150015	52.060	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29377	57.486	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	92940	51.220	ug/l	97
94) Hexachlorobutadiene	13.78	225	46658	49.709	ug/l	96
95) Naphthalene	13.83	128	303833	54.558	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	92904	51.814	ug/l	98

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

