

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004949.D
 Acq On : 03 Oct 2018 05:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 10/3/2018 5:56:46 PM

Quant Time: Oct 03 08:42:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	233869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	335356	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	321626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199405	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160079	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
35) Dibromofluoromethane	5.50	113	130837	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
50) Toluene-d8	8.72	98	479987	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	11.14	95	178824	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	168996	52.998	ug/l	98
3) Chloromethane	1.32	50	192343	49.718	ug/l	90
4) Vinyl Chloride	1.40	62	183474	50.565	ug/l	95
5) Bromomethane	1.64	94	108672	50.506	ug/l	95
6) Chloroethane	1.71	64	101714	51.508	ug/l	95
7) Trichlorofluoromethane	1.92	101	233443	51.968	ug/l	100
8) Diethyl Ether	2.19	74	94976	48.669	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	132538	51.797	ug/l	98
10) Methyl Iodide	2.51	142	128650	37.573	ug/l #	90
11) Tert butyl alcohol	3.09	59	240871	257.857	ug/l	99
12) 1,1-Dichloroethene	2.37	96	123154	48.600	ug/l	92
13) Acrolein	2.29	56	114401	172.128	ug/l	96
14) Allyl chloride	2.73	41	279384	50.530	ug/l	97
15) Acrylonitrile	3.15	53	533609	259.491	ug/l	93
16) Acetone	2.45	43	482343	247.300	ug/l	99
17) Carbon Disulfide	2.56	76	359941	47.270	ug/l	99
18) Methyl Acetate	2.78	43	295360	59.770	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	461566	52.806	ug/l	96
20) Methylene Chloride	2.85	84	146481	51.682	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	132426	47.739	ug/l	87
22) Diisopropyl ether	3.87	45	504337	54.169	ug/l	98
23) Vinyl Acetate	3.82	43	2083892	244.518	ug/l	99
24) 1,1-Dichloroethane	3.70	63	263775	47.494	ug/l	97
25) 2-Butanone	4.71	43	747175	259.887	ug/l	91
26) 2,2-Dichloropropane	4.59	77	122136	31.581	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	150595	48.596	ug/l	97
28) Bromochloromethane	5.01	49	129420	49.485	ug/l	95
29) Tetrahydrofuran	5.15	42	483937	270.822	ug/l	97
30) Chloroform	5.21	83	253085	48.217	ug/l	99
31) Cyclohexane	5.57	56	215847	50.779	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	210395	49.081	ug/l	96
36) 1,1-Dichloropropene	5.80	75	179066	46.177	ug/l	96
37) Ethyl Acetate	4.86	43	258824	50.282	ug/l	99
38) Carbon Tetrachloride	5.78	117	185626	45.538	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	201814	50.968	ug/l #	86
40) Benzene	6.14	78	585125	48.197	ug/l	93
41) Methacrylonitrile	5.07	41	145597	51.004	ug/l	99
42) 1,2-Dichloroethane	6.20	62	204590	47.671	ug/l	99
43) Isopropyl Acetate	6.47	43	375734	50.573	ug/l	97
44) Trichloroethene	7.21	130	147359	49.376	ug/l	96
45) 1,2-Dichloropropane	7.52	63	150012	50.388	ug/l	99
46) Dibromomethane	7.66	93	95583	51.086	ug/l	98
47) Bromodichloromethane	7.90	83	184504	52.669	ug/l	99
48) Methyl methacrylate	7.78	41	190925	56.618	ug/l	99
49) 1,4-Dioxane	7.76	88	87821	1048.272	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1323351	282.891	ug/l	100
52) Toluene	8.79	92	339634	50.913	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	190930	48.232	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	208223	50.219	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	144435	49.429	ug/l	97
56) Ethyl methacrylate	9.18	69	227468	48.088	ug/l	97
57) 1,3-Dichloropropane	9.37	76	241387	49.635	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	646698	256.464	ug/l	100
59) 2-Hexanone	9.50	43	1053756	270.317	ug/l	95
60) Dibromochloromethane	9.58	129	149297	51.089	ug/l	99
61) 1,2-Dibromoethane	9.68	107	150603	48.126	ug/l	96
64) Tetrachloroethene	9.34	164	159879	50.507	ug/l	96
65) Chlorobenzene	10.14	112	379895	46.062	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	140216	48.360	ug/l	99
67) Ethyl Benzene	10.26	91	646839	49.400	ug/l	97
68) m/p-Xylenes	10.36	106	509340	99.545	ug/l	96
69) o-Xylene	10.70	106	242663	51.634	ug/l	100
70) Styrene	10.71	104	412609	47.073	ug/l	99
71) Bromoform	10.86	173	124849	50.296	ug/l	97
73) Isopropylbenzene	11.02	105	653424	51.988	ug/l	100
74) N-amyl acetate	10.90	43	328925	47.696	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	239798	46.869	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	217774m	48.726	ug/l	
77) Bromobenzene	11.26	156	175809	48.158	ug/l	99
78) n-propylbenzene	11.36	91	751921	52.140	ug/l	99
79) 2-Chlorotoluene	11.42	91	456222	50.754	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	559782	48.588	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	61830	38.219	ug/l	98
82) 4-Chlorotoluene	11.51	91	535025	50.567	ug/l	99
83) tert-Butylbenzene	11.77	119	535252	51.724	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	578825	48.718	ug/l	99
85) sec-Butylbenzene	11.95	105	656831	52.111	ug/l	99
86) p-Isopropyltoluene	12.07	119	593214	51.946	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	323621	47.473	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	331242	47.071	ug/l	99
89) n-Butylbenzene	12.39	91	522671	50.396	ug/l	100
90) Hexachloroethane	12.60	117	92601	48.702	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	331760	46.570	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	57649	51.317	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	244988	49.024	ug/l	99
94) Hexachlorobutadiene	13.79	225	119445	46.093	ug/l	100
95) Naphthalene	13.83	128	815406	49.173	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	259134	50.197	ug/l	99

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

