

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005917.D
 Acq On : 12 Nov 2018 22:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/13/2018 12:19:22 PM

Quant Time: Nov 13 06:30:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	103491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	150644	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	139915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	78956	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	61492	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
35) Dibromofluoromethane	5.51	113	49130	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
50) Toluene-d8	8.71	98	180273	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
62) 4-Bromofluorobenzene	11.14	95	67862	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43609	46.736	ug/l	99
3) Chloromethane	1.32	50	58531	47.797	ug/l	99
4) Vinyl Chloride	1.41	62	58797	47.828	ug/l	100
5) Bromomethane	1.64	94	38933	51.751	ug/l	98
6) Chloroethane	1.71	64	36695	50.027	ug/l	98
7) Trichlorofluoromethane	1.93	101	83538	51.194	ug/l	97
8) Diethyl Ether	2.19	74	33510	52.408	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	46661	49.718	ug/l	99
10) Methyl Iodide	2.51	142	60689	53.356	ug/l	99
11) Tert butyl alcohol	3.07	59	85799	251.738	ug/l	100
12) 1,1-Dichloroethene	2.37	96	44859	49.040	ug/l	96
13) Acrolein	2.29	56	60139	360.861	ug/l	96
14) Allyl chloride	2.73	41	103903	50.858	ug/l	99
15) Acrylonitrile	3.15	53	185222	262.235	ug/l	99
16) Acetone	2.45	43	164056	256.098	ug/l	99
17) Carbon Disulfide	2.57	76	133211	48.822	ug/l	100
18) Methyl Acetate	2.78	43	95650	55.891	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	170102	54.483	ug/l	100
20) Methylene Chloride	2.85	84	52384	49.781	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	49456	51.259	ug/l	95
22) Diisopropyl ether	3.87	45	178713	49.935	ug/l #	94
23) Vinyl Acetate	3.82	43	808765	263.563	ug/l	97
24) 1,1-Dichloroethane	3.70	63	97752	51.195	ug/l	99
25) 2-Butanone	4.70	43	249174	247.412	ug/l	100
26) 2,2-Dichloropropane	4.58	77	66050	47.157	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	53148	49.888	ug/l	99
28) Bromochloromethane	5.03	49	46477	54.464	ug/l	99
29) Tetrahydrofuran	5.15	42	163862	253.402	ug/l	99
30) Chloroform	5.21	83	90958	49.376	ug/l	97
31) Cyclohexane	5.57	56	82300	49.655	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	79896	51.998	ug/l	99
36) 1,1-Dichloropropene	5.80	75	66992	46.130	ug/l	99
37) Ethyl Acetate	4.86	43	95015	49.753	ug/l	99
38) Carbon Tetrachloride	5.78	117	69845	48.041	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76014	51.644	ug/l	92
40) Benzene	6.15	78	204335	48.265	ug/l	100
41) Methacrylonitrile	5.06	41	50580	49.016	ug/l	97
42) 1,2-Dichloroethane	6.20	62	76015	50.129	ug/l	99
43) Isopropyl Acetate	6.46	43	137075	49.535	ug/l	98
44) Trichloroethene	7.21	130	53979	50.206	ug/l	98
45) 1,2-Dichloropropane	7.52	63	54081	52.630	ug/l	100
46) Dibromomethane	7.66	93	33967	52.677	ug/l	99
47) Bromodichloromethane	7.90	83	69169	56.761	ug/l	91
48) Methyl methacrylate	7.77	41	70382	56.644	ug/l	99
49) 1,4-Dioxane	7.75	88	29310	1094.683	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	468483	268.623	ug/l	100
52) Toluene	8.79	92	123227	52.080	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	75465	52.476	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	81334	55.489	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	51533	48.869	ug/l	98
56) Ethyl methacrylate	9.18	69	82483	52.276	ug/l	99
57) 1,3-Dichloropropane	9.37	76	87580	49.421	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	229434	266.298	ug/l	100
59) 2-Hexanone	9.49	43	373421	242.912	ug/l	100
60) Dibromochloromethane	9.59	129	55369	48.584	ug/l	99
61) 1,2-Dibromoethane	9.67	107	53670	46.027	ug/l	99
64) Tetrachloroethene	9.34	164	56287	47.251	ug/l	99
65) Chlorobenzene	10.14	112	139503	49.770	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	52195	53.563	ug/l	99
67) Ethyl Benzene	10.25	91	242260	53.900	ug/l	100
68) m/p-Xylenes	10.36	106	185581	108.248	ug/l	99
69) o-Xylene	10.70	106	89488	58.211	ug/l	100
70) Styrene	10.71	104	149912	59.114	ug/l	99
71) Bromoform	10.86	173	46520	56.948	ug/l #	98
73) Isopropylbenzene	11.02	105	246775	54.047	ug/l	99
74) N-amyl acetate	10.90	43	124766	48.733	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	85633	51.096	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	81274m	50.552	ug/l	
77) Bromobenzene	11.26	156	65067	50.559	ug/l	99
78) n-propylbenzene	11.36	91	285483	53.053	ug/l	99
79) 2-Chlorotoluene	11.42	91	168338	51.756	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	210591	54.275	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	25561	50.673	ug/l	95
82) 4-Chlorotoluene	11.51	91	199186	51.963	ug/l	100
83) tert-Butylbenzene	11.77	119	206984	52.730	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	216563	50.576	ug/l	99
85) sec-Butylbenzene	11.94	105	251280	52.348	ug/l	100
86) p-Isopropyltoluene	12.07	119	225738	53.091	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	120839	48.925	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	122386	48.405	ug/l	100
89) n-Butylbenzene	12.39	91	199164	50.541	ug/l	100
90) Hexachloroethane	12.60	117	37610	52.981	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	123227	49.804	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21068	51.516	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	90929	52.204	ug/l	100
94) Hexachlorobutadiene	13.78	225	44581	48.725	ug/l	98
95) Naphthalene	13.83	128	285812	50.308	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	93307	52.582	ug/l	100

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

