

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032818\
 Data File : VX000480.D
 Acq On : 28 Mar 2018 10:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/29/2018 11:19:39 AM

Quant Time: Mar 29 04:16:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	148781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	236967	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	233369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	161598	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	100470	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
35) Dibromofluoromethane	5.51	113	79516	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
50) Toluene-d8	8.73	98	311121	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.15	95	128653	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	86187	52.56	ug/l	99
3) Chloromethane	1.32	50	79546	46.05	ug/l	96
4) Vinyl Chloride	1.40	62	97000	53.14	ug/l	97
5) Bromomethane	1.64	94	131580	60.20	ug/l	97
6) Chloroethane	1.72	64	60466	55.16	ug/l	95
7) Trichlorofluoromethane	1.93	101	160005	48.57	ug/l	100
8) Diethyl Ether	2.19	74	56650	48.12	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	92271	50.23	ug/l	99
10) Methyl Iodide	2.51	142	72856	40.88	ug/l	99
11) Tert butyl alcohol	3.07	59	193994	290.39	ug/l	99
12) 1,1-Dichloroethene	2.38	96	81108	50.30	ug/l	97
13) Acrolein	2.30	56	57537	268.60	ug/l	99
14) Allyl chloride	2.73	41	145697	51.16	ug/l	98
15) Acrylonitrile	3.15	53	350494	259.04	ug/l	99
16) Acetone	2.45	43	459658	284.51	ug/l	98
17) Carbon Disulfide	2.57	76	221488	51.63	ug/l	98
18) Methyl Acetate	2.78	43	175216	51.73	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	286771	48.08	ug/l	97
20) Methylene Chloride	2.86	84	87031	46.64	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	87850	48.83	ug/l	98
22) Diisopropyl ether	3.87	45	281695	55.88	ug/l	98
23) Vinyl Acetate	3.83	43	1376917	288.11	ug/l	99
24) 1,1-Dichloroethane	3.70	63	156459	49.36	ug/l	98
25) 2-Butanone	4.71	43	496256	273.28	ug/l	99
26) 2,2-Dichloropropane	4.59	77	110621	49.80	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	80286	47.75	ug/l	99
28) Bromochloromethane	5.03	49	85089	65.10	ug/l	99
29) Tetrahydrofuran	5.17	42	324996	290.88	ug/l	99
30) Chloroform	5.22	83	161540	54.38	ug/l	96
31) Cyclohexane	5.58	56	130510	53.26	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	139811	52.17	ug/l	99
36) 1,1-Dichloropropene	5.81	75	119496	53.83	ug/l	98
37) Ethyl Acetate	4.87	43	160719	53.01	ug/l	100
38) Carbon Tetrachloride	5.79	117	125608	53.94	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	158420	58.68	ug/l	98
40) Benzene	6.15	78	358083	55.55	ug/l	99
41) Methacrylonitrile	5.07	41	82873	51.84	ug/l	98
42) 1,2-Dichloroethane	6.20	62	138722	54.85	ug/l	99
43) Isopropyl Acetate	6.47	43	254914	56.48	ug/l	99
44) Trichloroethene	7.22	130	101137	54.77	ug/l	99
45) 1,2-Dichloropropane	7.52	63	93541	56.69	ug/l	99
46) Dibromomethane	7.67	93	70917	54.76	ug/l	97
47) Bromodichloromethane	7.90	83	134540	59.04	ug/l	99
48) Methyl methacrylate	7.79	41	126740	57.84	ug/l	99
49) 1,4-Dioxane	7.76	88	60007	1302.86	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1021209	292.32	ug/l	99
52) Toluene	8.79	92	244609	54.28	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	157678	59.72	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	151957	59.33	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	101487	54.76	ug/l	98
56) Ethyl methacrylate	9.19	69	159013	56.63	ug/l	99
57) 1,3-Dichloropropane	9.38	76	165774	55.93	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	273092	202.63	ug/l	98
59) 2-Hexanone	9.51	43	894474	301.54	ug/l	99
60) Dibromochloromethane	9.59	129	110426	50.32	ug/l	100
61) 1,2-Dibromoethane	9.68	107	109466	55.08	ug/l	99
64) Tetrachloroethene	9.34	164	97804	54.01	ug/l	95
65) Chlorobenzene	10.15	112	283561	54.60	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	101568	57.58	ug/l	98
67) Ethyl Benzene	10.26	91	492657	55.96	ug/l	99
68) m/p-Xylenes	10.37	106	406112	117.23	ug/l	100
69) o-Xylene	10.71	106	191734	57.16	ug/l	99
70) Styrene	10.72	104	339205	61.12	ug/l	97
71) Bromoform	10.87	173	89698	48.92	ug/l #	97
73) Isopropylbenzene	11.02	105	544959	50.90	ug/l	100
74) N-amyl acetate	6.47	43	254914	54.95	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	192525	50.84	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	176454m	50.81	ug/l	
77) Bromobenzene	11.26	156	136205	47.75	ug/l	100
78) n-propylbenzene	11.37	91	652835	51.14	ug/l	99
79) 2-Chlorotoluene	11.43	91	369763	50.14	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	496023	55.10	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	58502	54.54	ug/l	99
82) 4-Chlorotoluene	11.52	91	473655	53.79	ug/l	99
83) tert-Butylbenzene	11.78	119	474555	52.27	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	504997	53.50	ug/l	99
85) sec-Butylbenzene	11.95	105	619485	55.14	ug/l	99
86) p-Isopropyltoluene	12.07	119	561181	56.24	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	283323	52.53	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	304434	53.77	ug/l	98
89) n-Butylbenzene	12.40	91	527195	56.75	ug/l	99
90) Hexachloroethane	12.60	117	85054	54.16	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	283767	53.67	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55789	52.82	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	194256	51.25	ug/l	100
94) Hexachlorobutadiene	13.79	225	87493	55.75	ug/l	98
95) Naphthalene	13.84	128	692880	52.47	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	196009	52.33	ug/l	99

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

