

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032118\
 Data File : VX000379.D
 Acq On : 21 Mar 2018 12:40
 Operator : JC/MD
 Sample : VX0321WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD02

Manual Integrations
 APPROVED

apatel
 3/22/2018 2:44:30 PM

Quant Time: Mar 22 06:14:17 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	5.68	168	115323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	189302	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	186458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	99548	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	80018	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
35) Dibromofluoromethane	5.51	113	60183	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	8.73	98	244338	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
62) 4-Bromofluorobenzene	11.15	95	87994	43.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	25652	20.18	ug/l	94
3) Chloromethane	1.32	50	26520	19.81	ug/l	94
4) Vinyl Chloride	1.41	62	29953	21.17	ug/l	96
5) Bromomethane	1.65	94	25925	15.34	ug/l	93
6) Chloroethane	1.73	64	19006	23.66	ug/l	96
7) Trichlorofluoromethane	1.94	101	51044	19.99	ug/l	96
8) Diethyl Ether	2.20	74	19266	21.11	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	28679	20.14	ug/l	99
10) Methyl Iodide	2.52	142	25199	20.61	ug/l	98
11) Tert butyl alcohol	3.07	59	52610	101.60	ug/l	100
12) 1,1-Dichloroethene	2.38	96	25994	20.80	ug/l	94
13) Acrolein	2.30	56	14921	99.56	ug/l	100
14) Allyl chloride	2.73	41	46797	21.14	ug/l	99
15) Acrylonitrile	3.15	53	107872	102.86	ug/l	99
16) Acetone	2.45	43	128215	102.39	ug/l	98
17) Carbon Disulfide	2.57	76	66193	19.92	ug/l	99
18) Methyl Acetate	2.78	43	56582	21.55	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	97645	21.12	ug/l	100
20) Methylene Chloride	2.87	84	30015	20.75	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	27577	19.78	ug/l	91
22) Diisopropyl ether	3.88	45	74540	19.08	ug/l	99
23) Vinyl Acetate	3.84	43	340246	91.85	ug/l	99
24) 1,1-Dichloroethane	3.71	63	53200	21.65	ug/l	100
25) 2-Butanone	4.71	43	142998	101.59	ug/l	100
26) 2,2-Dichloropropane	4.60	77	35723	20.75	ug/l	98
27) cis-1,2-Dichloroethene	4.62	96	26919	20.66	ug/l	99
28) Bromochloromethane	5.03	49	19287	19.04	ug/l	100
29) Tetrahydrofuran	5.18	42	85598	98.84	ug/l	99
30) Chloroform	5.23	83	47651	20.70	ug/l	99
31) Cyclohexane	5.59	56	37198	19.59	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	41304	19.89	ug/l	98
36) 1,1-Dichloropropene	5.81	75	33550	18.92	ug/l	97
37) Ethyl Acetate	4.87	43	47825	19.75	ug/l	99
38) Carbon Tetrachloride	5.80	117	34985	18.81	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	40992	19.01	ug/l	97
40) Benzene	6.15	78	103489	20.10	ug/l	98
41) Methacrylonitrile	5.07	41	24553	19.23	ug/l	97
42) 1,2-Dichloroethane	6.21	62	40661	20.13	ug/l	100
43) Isopropyl Acetate	6.48	43	72065	19.99	ug/l	98
44) Trichloroethene	7.22	130	28587	19.38	ug/l	98
45) 1,2-Dichloropropane	7.52	63	27668	20.99	ug/l	99
46) Dibromomethane	7.67	93	21026	20.32	ug/l	99
47) Bromodichloromethane	7.91	83	37321	20.50	ug/l	99
48) Methyl methacrylate	7.79	41	35142	20.08	ug/l	98
49) 1,4-Dioxane	7.77	88	13958	379.36	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	274644	98.41	ug/l	99
52) Toluene	8.79	92	71497	19.86	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	43064	20.42	ug/l	93
54) cis-1,3-Dichloropropene	9.05	75	40565	19.83	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	29397	19.86	ug/l	97
56) Ethyl methacrylate	9.19	69	43565	19.42	ug/l	97
57) 1,3-Dichloropropane	9.38	76	48870	20.64	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	115630	107.40	ug/l	98
59) 2-Hexanone	9.51	43	234062	98.77	ug/l	98
60) Dibromochloromethane	9.59	129	30516	20.10	ug/l	99
61) 1,2-Dibromoethane	9.68	107	31574	19.89	ug/l	98
64) Tetrachloroethene	9.34	164	29429	20.34	ug/l	96
65) Chlorobenzene	10.15	112	80197	19.33	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	28786	20.43	ug/l	99
67) Ethyl Benzene	10.26	91	139127	19.78	ug/l	98
68) m/p-Xylenes	10.37	106	106745	38.56	ug/l	100
69) o-Xylene	10.71	106	52195	19.48	ug/l	99
70) Styrene	10.72	104	84283	19.01	ug/l	99
71) Bromoform	10.87	173	23043	18.96	ug/l #	97
73) Isopropylbenzene	11.02	105	142368	21.59	ug/l	98
74) N-amyl acetate	6.48	43	72065	23.31	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	52433	22.48	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	46359m	21.67	ug/l	
77) Bromobenzene	11.26	156	35839	20.40	ug/l	99
78) n-propylbenzene	11.37	91	164372	20.90	ug/l	100
79) 2-Chlorotoluene	11.43	91	94836	20.87	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	118600	21.39	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	13063	19.77	ug/l	90
82) 4-Chlorotoluene	11.52	91	113768	20.97	ug/l	99
83) tert-Butylbenzene	11.78	119	116760	20.88	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	121738	20.94	ug/l	100
85) sec-Butylbenzene	11.96	105	145310	21.00	ug/l	99
86) p-Isopropyltoluene	12.07	119	126047	20.51	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	65377	19.68	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	68695	19.69	ug/l	98
89) n-Butylbenzene	12.40	91	115520	20.19	ug/l	98
90) Hexachloroethane	12.60	117	20738	21.44	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	66960	20.56	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13836	21.27	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	46653	19.98	ug/l	99
94) Hexachlorobutadiene	13.79	225	20260	20.96	ug/l	97
95) Naphthalene	13.84	128	172536	21.21	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	47780	20.71	ug/l	99

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

