

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041518\
 Data File : VX000910.D
 Acq On : 15 Apr 2018 20:50
 Operator : JC/MD
 Sample : VX0415WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBSD01

Manual Integrations
 APPROVED

apatel
 4/16/2018 3:35:06 PM

Quant Time: Apr 16 08:58:09 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	237561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	333652	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	212357	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	151063	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
35) Dibromofluoromethane	5.51	113	127090	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
50) Toluene-d8	8.72	98	469438	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
62) 4-Bromofluorobenzene	11.14	95	190324	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	54234	20.22	ug/l	99
3) Chloromethane	1.32	50	47648	20.72	ug/l	99
4) Vinyl Chloride	1.41	62	54205	20.96	ug/l	98
5) Bromomethane	1.65	94	32666	29.96	ug/l	97
6) Chloroethane	1.73	64	34688	22.13	ug/l	98
7) Trichlorofluoromethane	1.93	101	81810	20.97	ug/l	98
8) Diethyl Ether	2.19	74	31751	21.78	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48621	21.13	ug/l	97
10) Methyl Iodide	2.52	142	17364	16.33	ug/l	97
11) Tert butyl alcohol	3.07	59	44010	82.75	ug/l	100
12) 1,1-Dichloroethene	2.38	96	45004	20.64	ug/l	97
13) Acrolein	2.30	56	11445	44.32	ug/l	98
14) Allyl chloride	2.73	41	81503	20.22	ug/l	99
15) Acrylonitrile	3.15	53	119467	105.37	ug/l	99
16) Acetone	2.45	43	99267	96.10	ug/l	99
17) Carbon Disulfide	2.57	76	108241	16.39	ug/l	100
18) Methyl Acetate	2.78	43	60885	22.78	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	159141	21.91	ug/l	98
20) Methylene Chloride	2.87	84	49972	20.80	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	49160	20.45	ug/l	96
22) Diisopropyl ether	3.88	45	167729	22.64	ug/l	99
23) Vinyl Acetate	3.83	43	689118	105.93	ug/l	98
24) 1,1-Dichloroethane	3.70	63	92503	22.25	ug/l	99
25) 2-Butanone	4.71	43	168423	98.74	ug/l	96
26) 2,2-Dichloropropane	4.60	77	72122	17.48	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	57981	21.25	ug/l	98
28) Bromochloromethane	5.03	49	35129	20.98	ug/l	95
29) Tetrahydrofuran	5.17	42	106611	98.43	ug/l	99
30) Chloroform	5.23	83	95243	21.64	ug/l	98
31) Cyclohexane	5.59	56	79835	20.22	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	86310	20.58	ug/l	99
36) 1,1-Dichloropropene	5.81	75	71599	19.48	ug/l	98
37) Ethyl Acetate	4.87	43	68045	18.97	ug/l	99
38) Carbon Tetrachloride	5.79	117	73874	17.96	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	79738	18.07	ug/l	95
40) Benzene	6.15	78	208723	20.44	ug/l	100
41) Methacrylonitrile	5.07	41	39685	19.15	ug/l	98
42) 1,2-Dichloroethane	6.20	62	78722	20.64	ug/l	99
43) Isopropyl Acetate	6.47	43	116427	18.93	ug/l	99
44) Trichloroethene	7.22	130	62779	19.77	ug/l	97
45) 1,2-Dichloropropane	7.52	63	53978	20.76	ug/l	96
46) Dibromomethane	7.67	93	36870	20.34	ug/l	98
47) Bromodichloromethane	7.90	83	67791	18.53	ug/l	98
48) Methyl methacrylate	7.78	41	60837	19.08	ug/l	99
49) 1,4-Dioxane	7.76	88	19133	298.65	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	352226	97.50	ug/l	100
52) Toluene	8.79	92	136487	20.15	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	81136	18.49	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	76042	17.80	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	54274	20.18	ug/l	99
56) Ethyl methacrylate	9.19	69	80625	19.44	ug/l	99
57) 1,3-Dichloropropane	9.38	76	90012	21.05	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	202889	104.68	ug/l	100
59) 2-Hexanone	9.51	43	257907	92.47	ug/l	100
60) Dibromochloromethane	9.59	129	57060	17.73	ug/l	100
61) 1,2-Dibromoethane	9.68	107	57461	20.14	ug/l	100
64) Tetrachloroethene	9.34	164	64049	20.69	ug/l	99
65) Chlorobenzene	10.15	112	161752	20.31	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	56688	18.91	ug/l	99
67) Ethyl Benzene	10.26	91	267245	20.13	ug/l	100
68) m/p-Xylenes	10.37	106	211132	40.28	ug/l	99
69) o-Xylene	10.71	106	101185	20.03	ug/l	99
70) Styrene	10.72	104	169516	19.91	ug/l	100
71) Bromoform	10.86	173	44241	15.94	ug/l #	99
73) Isopropylbenzene	11.02	105	275443	20.45	ug/l	100
74) N-amyl acetate	6.47	43	116427	19.19	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	78726	20.14	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	73526m	20.08	ug/l	
77) Bromobenzene	11.26	156	80330	20.35	ug/l	100
78) n-propylbenzene	11.37	91	310146	20.13	ug/l	100
79) 2-Chlorotoluene	11.43	91	184839	20.30	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	232587	20.07	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	18962	14.24	ug/l	89
82) 4-Chlorotoluene	11.52	91	221798	20.18	ug/l	100
83) tert-Butylbenzene	11.77	119	229136	19.33	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	241302	20.17	ug/l	98
85) sec-Butylbenzene	11.95	105	272824	19.51	ug/l	100
86) p-Isopropyltoluene	12.07	119	252703	19.38	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	147152	20.14	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	150578	20.11	ug/l	99
89) n-Butylbenzene	12.39	91	215702	18.74	ug/l	99
90) Hexachloroethane	12.60	117	34865	15.80	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	145319	20.60	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15573	15.90	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	116330	19.32	ug/l	99
94) Hexachlorobutadiene	13.79	225	49128	16.60	ug/l	99
95) Naphthalene	13.84	128	299349	19.37	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	113941	19.49	ug/l	99

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

