

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101918\
 Data File : VX005456.D
 Acq On : 19 Oct 2018 14:19
 Operator : JC/MD
 Sample : VX1019WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1019WBSD01

Quant Time: Oct 20 05:09:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	260191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	359436	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	331958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184169	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	145063	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
35) Dibromofluoromethane	5.51	113	118157	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	8.72	98	439127	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	
62) 4-Bromofluorobenzene	11.14	95	160807	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	38827	19.086	ug/l	98
3) Chloromethane	1.33	50	58112	19.714	ug/l	90
4) Vinyl Chloride	1.40	62	54913	18.389	ug/l	99
5) Bromomethane	1.64	94	30762	18.611	ug/l	99
6) Chloroethane	1.72	64	35123	18.939	ug/l	98
7) Trichlorofluoromethane	1.93	101	79343	19.911	ug/l	96
8) Diethyl Ether	2.19	74	34238	20.120	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48727	21.186	ug/l	96
10) Methyl Iodide	2.51	142	53981	22.828	ug/l	100
11) Tert butyl alcohol	3.07	59	80377	98.673	ug/l	99
12) 1,1-Dichloroethene	2.37	96	46278	20.308	ug/l	98
13) Acrolein	2.29	56	31949	59.818	ug/l	93
14) Allyl chloride	2.73	41	99444	19.876	ug/l	93
15) Acrylonitrile	3.15	53	186007	100.768	ug/l	100
16) Acetone	2.45	43	165692	99.238	ug/l	94
17) Carbon Disulfide	2.57	76	118191	17.121	ug/l	99
18) Methyl Acetate	2.78	43	106543	22.430	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	171260	21.338	ug/l	98
20) Methylene Chloride	2.85	84	54416	21.625	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	49166	19.468	ug/l	94
22) Diisopropyl ether	3.87	45	175058	20.831	ug/l	91
23) Vinyl Acetate	3.82	43	792793	107.936	ug/l	96
24) 1,1-Dichloroethane	3.70	63	99294	20.617	ug/l	99
25) 2-Butanone	4.71	43	256903	105.164	ug/l #	86
26) 2,2-Dichloropropane	4.59	77	66972	18.593	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	54536	19.870	ug/l	98
28) Bromochloromethane	5.02	49	45424	20.689	ug/l	96
29) Tetrahydrofuran	5.16	42	153724	98.652	ug/l	93
30) Chloroform	5.22	83	88964	19.901	ug/l	98
31) Cyclohexane	5.57	56	75039	18.904	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	76226	19.597	ug/l	100
36) 1,1-Dichloropropene	5.80	75	65880	18.925	ug/l	99
37) Ethyl Acetate	4.85	43	85356	19.066	ug/l	99
38) Carbon Tetrachloride	5.77	117	67309	19.243	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	71191	18.896	ug/l	96
40) Benzene	6.14	78	207872	19.906	ug/l	97
41) Methacrylonitrile	5.06	41	48512	20.213	ug/l	97
42) 1,2-Dichloroethane	6.20	62	72773	19.736	ug/l	97
43) Isopropyl Acetate	6.46	43	122481	20.538	ug/l	98
44) Trichloroethene	7.21	130	53940	19.855	ug/l	93
45) 1,2-Dichloropropane	7.52	63	52922	20.660	ug/l	96
46) Dibromomethane	7.66	93	33626	19.889	ug/l	96
47) Bromodichloromethane	7.90	83	65141	20.830	ug/l	97
48) Methyl methacrylate	7.77	41	62915	20.341	ug/l	95
49) 1,4-Dioxane	7.75	88	25690	360.111	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	428687	103.818	ug/l	96
52) Toluene	8.79	92	121859	21.330	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	69617	20.570	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	77489	21.131	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	51848	21.427	ug/l	98
56) Ethyl methacrylate	9.18	69	76149	21.587	ug/l	97
57) 1,3-Dichloropropane	9.37	76	85370	21.137	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	217099	109.738	ug/l	96
59) 2-Hexanone	9.49	43	334339	100.657	ug/l	94
60) Dibromochloromethane	9.59	129	53498	21.388	ug/l	99
61) 1,2-Dibromoethane	9.67	107	53483	21.060	ug/l	99
64) Tetrachloroethene	9.34	164	53086	19.864	ug/l	96
65) Chlorobenzene	10.14	112	138966	19.680	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	50884	20.222	ug/l	99
67) Ethyl Benzene	10.25	91	226858	19.763	ug/l	96
68) m/p-Xylenes	10.36	106	180511	40.515	ug/l	97
69) o-Xylene	10.70	106	85570	19.914	ug/l	97
70) Styrene	10.71	104	144235	20.408	ug/l	98
71) Bromoform	10.86	173	43774	19.467	ug/l #	99
73) Isopropylbenzene	11.02	105	235488	21.509	ug/l	100
74) N-amyl acetate	10.90	43	105684	20.014	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	82380	19.947	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	77825m	21.785	ug/l	
77) Bromobenzene	11.26	156	64475	20.596	ug/l	100
78) n-propylbenzene	11.36	91	265974	21.111	ug/l	100
79) 2-Chlorotoluene	11.42	91	162048	21.002	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	200341	21.369	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	22440	19.086	ug/l	99
82) 4-Chlorotoluene	11.51	91	187976	20.552	ug/l	99
83) tert-Butylbenzene	11.77	119	201677	21.242	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	207559	21.512	ug/l	98
85) sec-Butylbenzene	11.94	105	241027	21.452	ug/l	99
86) p-Isopropyltoluene	12.07	119	216711	21.340	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	118156	20.199	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	120491	20.135	ug/l	99
89) n-Butylbenzene	12.39	91	184210	19.978	ug/l	98
90) Hexachloroethane	12.60	117	34577	19.757	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	119570	20.031	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19320	19.178	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	90523	20.670	ug/l	98
94) Hexachlorobutadiene	13.79	225	46580	20.138	ug/l	97
95) Naphthalene	13.83	128	271343	21.364	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	92496	20.641	ug/l	100

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

