

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002759.D
 Acq On : 20 Jun 2018 23:52
 Operator : JC/MD
 Sample : VX0620WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS02

Manual Integrations
 APPROVED

apatel
 6/22/2018 8:08:49 AM

Quant Time: Jun 21 06:50:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	231695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	329976	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	192522	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	153624	43.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.26%	
35) Dibromofluoromethane	5.51	113	124375	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
50) Toluene-d8	8.72	98	441916	44.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.38%	
62) 4-Bromofluorobenzene	11.14	95	165064	43.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48473	19.71	ug/l	99
3) Chloromethane	1.32	50	47660	16.29	ug/l	99
4) Vinyl Chloride	1.40	62	54521	17.96	ug/l	# 83
5) Bromomethane	1.64	94	24885	13.58	ug/l	99
6) Chloroethane	1.72	64	39188	19.58	ug/l	100
7) Trichlorofluoromethane	1.93	101	95102	19.28	ug/l	99
8) Diethyl Ether	2.19	74	34052	18.15	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51978	18.85	ug/l	98
10) Methyl Iodide	2.51	142	44659	15.94	ug/l	99
11) Tert butyl alcohol	3.08	59	71804	98.65	ug/l	97
12) 1,1-Dichloroethene	2.37	96	47549	18.37	ug/l	98
13) Acrolein	2.30	56	37569	113.94	ug/l	98
14) Allyl chloride	2.73	41	92206	17.94	ug/l	100
15) Acrylonitrile	3.15	53	149055	93.85	ug/l	99
16) Acetone	2.45	43	143376	92.30	ug/l	98
17) Carbon Disulfide	2.57	76	134413	21.89	ug/l	98
18) Methyl Acetate	2.78	43	81945	19.80	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	176166	18.14	ug/l	99
20) Methylene Chloride	2.86	84	55180	17.32	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	50461	17.97	ug/l	98
22) Diisopropyl ether	3.88	45	172527	18.55	ug/l	99
23) Vinyl Acetate	3.83	43	740124	95.09	ug/l	99
24) 1,1-Dichloroethane	3.70	63	101711	20.15	ug/l	99
25) 2-Butanone	4.71	43	205749	100.86	ug/l	98
26) 2,2-Dichloropropane	4.59	77	51882	14.30	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	54582	19.10	ug/l	99
28) Bromochloromethane	5.02	49	42760	18.09	ug/l	97
29) Tetrahydrofuran	5.17	42	132793	99.32	ug/l	97
30) Chloroform	5.22	83	97794	20.09	ug/l	99
31) Cyclohexane	5.57	56	80464	19.36	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	85216	20.93	ug/l	99
36) 1,1-Dichloropropene	5.81	75	68381	19.51	ug/l	98
37) Ethyl Acetate	4.87	43	79667	20.08	ug/l	99
38) Carbon Tetrachloride	5.79	117	77576	22.23	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76947	18.78	ug/l	98
40) Benzene	6.15	78	205935	19.60	ug/l	98
41) Methacrylonitrile	5.07	41	45434	20.29	ug/l	98
42) 1,2-Dichloroethane	6.20	62	82642	20.31	ug/l	99
43) Isopropyl Acetate	6.47	43	127706	19.43	ug/l	99
44) Trichloroethene	7.22	130	59934	19.76	ug/l	98
45) 1,2-Dichloropropane	7.52	63	55690	20.14	ug/l	96
46) Dibromomethane	7.67	93	38367	20.74	ug/l	98
47) Bromodichloromethane	7.90	83	70670	21.66	ug/l	96
48) Methyl methacrylate	7.78	41	67054	19.97	ug/l	99
49) 1,4-Dioxane	7.76	88	26821	421.71	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	423436	100.35	ug/l	99
52) Toluene	8.79	92	131339	19.59	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	74935	18.91	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	68915	18.86	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	54654	20.18	ug/l	97
56) Ethyl methacrylate	9.19	69	80415	19.29	ug/l	98
57) 1,3-Dichloropropane	9.38	76	90646	19.79	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	172450	85.54	ug/l	99
59) 2-Hexanone	9.50	43	322465	101.41	ug/l	98
60) Dibromochloromethane	9.59	129	57033	21.07	ug/l	99
61) 1,2-Dibromoethane	9.68	107	57553	20.52	ug/l	100
64) Tetrachloroethene	9.34	164	64998	18.70	ug/l	97
65) Chlorobenzene	10.14	112	151980	19.76	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	56679	21.62	ug/l	99
67) Ethyl Benzene	10.26	91	254826	19.65	ug/l	100
68) m/p-Xylenes	10.37	106	196124	39.20	ug/l	99
69) o-Xylene	10.70	106	96626	19.66	ug/l	97
70) Styrene	10.71	104	159995	19.79	ug/l	99
71) Bromoform	10.86	173	43485	21.30	ug/l #	100
73) Isopropylbenzene	11.02	105	261604	20.32	ug/l	100
74) N-amyl acetate	6.47	43	127706	19.96	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	84557	22.24	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	76375m	21.02	ug/l	
77) Bromobenzene	11.26	156	74061	20.65	ug/l	96
78) n-propylbenzene	11.37	91	291304	19.73	ug/l	99
79) 2-Chlorotoluene	11.43	91	175908	19.95	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	217428	19.98	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	14801	16.13	ug/l	88
82) 4-Chlorotoluene	11.51	91	206048	19.81	ug/l	99
83) tert-Butylbenzene	11.77	119	214616	20.47	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	227491	20.49	ug/l	99
85) sec-Butylbenzene	11.95	105	260735	20.00	ug/l	100
86) p-Isopropyltoluene	12.07	119	229585	19.47	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	131316	19.96	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	134008	20.02	ug/l	99
89) n-Butylbenzene	12.39	91	189833	18.25	ug/l	99
90) Hexachloroethane	12.60	117	31739	18.98	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	131962	19.93	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17521	22.00	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	93125	19.38	ug/l	99
94) Hexachlorobutadiene	13.79	225	46331	18.30	ug/l	99
95) Naphthalene	13.84	128	271008	20.96	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	96945	20.09	ug/l	100

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

