

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003029.D
 Acq On : 29 Jun 2018 15:25
 Operator : JC/MD
 Sample : VX0629WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS01

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:15:22 PM

Quant Time: Jun 29 23:36:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	372838	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	354066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	215560	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	181820	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
35) Dibromofluoromethane	5.51	113	148679	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	8.72	98	533059	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.14	95	201798	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60664	24.73	ug/l	96
3) Chloromethane	1.32	50	60507	23.26	ug/l	98
4) Vinyl Chloride	1.40	62	64989	21.04	ug/l	90
5) Bromomethane	1.64	94	27067	16.98	ug/l	100
6) Chloroethane	1.72	64	41121	21.49	ug/l	98
7) Trichlorofluoromethane	1.93	101	102785	19.73	ug/l	95
8) Diethyl Ether	2.19	74	37376	19.74	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	58756	19.47	ug/l	98
10) Methyl Iodide	2.51	142	39999	17.67	ug/l	98
11) Tert butyl alcohol	3.08	59	73777	98.12	ug/l	98
12) 1,1-Dichloroethene	2.37	96	53204	19.76	ug/l	92
13) Acrolein	2.29	56	40775	100.39	ug/l	98
14) Allyl chloride	2.73	41	103478	19.49	ug/l	97
15) Acrylonitrile	3.15	53	165551	103.08	ug/l	100
16) Acetone	2.45	43	153883	98.45	ug/l	96
17) Carbon Disulfide	2.57	76	144698	20.17	ug/l	99
18) Methyl Acetate	2.78	43	79642	18.22	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	189644	19.59	ug/l	98
20) Methylene Chloride	2.86	84	59337	19.51	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	57760	19.69	ug/l	96
22) Diisopropyl ether	3.88	45	208531	20.55	ug/l	98
23) Vinyl Acetate	3.83	43	908940	105.78	ug/l	98
24) 1,1-Dichloroethane	3.70	63	108260	19.63	ug/l	99
25) 2-Butanone	4.71	43	242979	104.74	ug/l	97
26) 2,2-Dichloropropane	4.59	77	78637	17.53	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	66778	20.30	ug/l	97
28) Bromochloromethane	5.03	49	49863	18.89	ug/l	91
29) Tetrahydrofuran	5.17	42	153212	102.99	ug/l	97
30) Chloroform	5.22	83	113139	19.99	ug/l	99
31) Cyclohexane	5.57	56	91813	19.40	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	99790	20.04	ug/l	99
36) 1,1-Dichloropropene	5.80	75	80157	19.60	ug/l	98
37) Ethyl Acetate	4.87	43	92899	21.10	ug/l	98
38) Carbon Tetrachloride	5.78	117	88426	19.71	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89020	18.69	ug/l	97
40) Benzene	6.15	78	245090	20.63	ug/l	99
41) Methacrylonitrile	5.07	41	52640	20.77	ug/l	98
42) 1,2-Dichloroethane	6.20	62	96205	20.05	ug/l	100
43) Isopropyl Acetate	6.47	43	145691	19.73	ug/l	98
44) Trichloroethene	7.22	130	71690	20.24	ug/l	98
45) 1,2-Dichloropropane	7.52	63	61547	19.53	ug/l	99
46) Dibromomethane	7.67	93	43624	19.95	ug/l	95
47) Bromodichloromethane	7.90	83	79855	19.75	ug/l	99
48) Methyl methacrylate	7.78	41	75155	19.76	ug/l	97
49) 1,4-Dioxane	7.76	88	30512	412.25	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	483263	104.62	ug/l	98
52) Toluene	8.79	92	156711	20.59	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	90519	19.77	ug/l	97
54) cis-1,3-Dichloropropene	9.04	75	83506	18.95	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	63564	20.33	ug/l	99
56) Ethyl methacrylate	9.18	69	92943	20.34	ug/l	96
57) 1,3-Dichloropropane	9.38	76	105086	20.46	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	234650	106.42	ug/l	98
59) 2-Hexanone	9.50	43	366557	104.41	ug/l	98
60) Dibromochloromethane	9.59	129	64677	19.65	ug/l	99
61) 1,2-Dibromoethane	9.68	107	66734	20.34	ug/l	100
64) Tetrachloroethene	9.34	164	79606	20.22	ug/l	98
65) Chlorobenzene	10.14	112	180024	20.02	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	64559	19.76	ug/l	99
67) Ethyl Benzene	10.26	91	296949	19.99	ug/l	100
68) m/p-Xylenes	10.36	106	234293	40.92	ug/l	98
69) o-Xylene	10.70	106	112132	20.11	ug/l	99
70) Styrene	10.71	104	187510	20.70	ug/l	99
71) Bromoform	10.86	173	49127	19.25	ug/l #	100
73) Isopropylbenzene	11.02	105	302585	20.87	ug/l	100
74) N-amyl acetate	6.47	43	145691	20.53	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	94968	21.26	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	82996m	21.26	ug/l	
77) Bromobenzene	11.26	156	85041	20.59	ug/l	98
78) n-propylbenzene	11.37	91	336870	20.41	ug/l	99
79) 2-Chlorotoluene	11.43	91	206894	20.70	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	250263	20.49	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21930	18.56	ug/l	94
82) 4-Chlorotoluene	11.51	91	239677	20.26	ug/l	98
83) tert-Butylbenzene	11.77	119	245116	20.36	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	260135	20.56	ug/l	100
85) sec-Butylbenzene	11.95	105	287374	19.68	ug/l	99
86) p-Isopropyltoluene	12.07	119	259653	19.78	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	153094	20.30	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	152952	19.71	ug/l	100
89) n-Butylbenzene	12.39	91	212524	18.60	ug/l	99
90) Hexachloroethane	12.60	117	34630	17.73	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	156372	20.54	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19704	19.62	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	105828	19.10	ug/l	99
94) Hexachlorobutadiene	13.79	225	53425	19.33	ug/l	97
95) Naphthalene	13.84	128	309734	20.99	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	110278	19.93	ug/l	100

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

