

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061918\
 Data File : VX002730.D
 Acq On : 19 Jun 2018 22:57
 Operator : JC/MD
 Sample : VX0619WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/20/2018 6:26:57 PM

Quant Time: Jun 20 02:18:22 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	227275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	321429	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	308446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186283	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	151884	43.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.96%	
35) Dibromofluoromethane	5.51	113	121048	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
50) Toluene-d8	8.72	98	439792	45.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.30%	
62) 4-Bromofluorobenzene	11.14	95	163533	44.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	48443	20.08	ug/l	96
3) Chloromethane	1.32	50	50786	17.69	ug/l	97
4) Vinyl Chloride	1.40	62	55442	18.62	ug/l	96
5) Bromomethane	1.64	94	27244	15.16	ug/l	97
6) Chloroethane	1.72	64	38515	19.62	ug/l	98
7) Trichlorofluoromethane	1.93	101	96846	20.01	ug/l	97
8) Diethyl Ether	2.19	74	33615	18.26	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53766	19.88	ug/l	99
10) Methyl Iodide	2.51	142	41265	15.31	ug/l	97
11) Tert butyl alcohol	3.08	59	72785	101.94	ug/l	97
12) 1,1-Dichloroethene	2.37	96	48781	19.21	ug/l	98
13) Acrolein	2.30	56	43563	133.44	ug/l	99
14) Allyl chloride	2.73	41	91319	18.11	ug/l	99
15) Acrylonitrile	3.15	53	152157	97.66	ug/l	99
16) Acetone	2.45	43	145707	95.62	ug/l	99
17) Carbon Disulfide	2.57	76	122237	20.29	ug/l	100
18) Methyl Acetate	2.78	43	81449	20.06	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	173374	18.20	ug/l	99
20) Methylene Chloride	2.86	84	53710	17.19	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	51185	18.58	ug/l	99
22) Diisopropyl ether	3.88	45	169407	18.57	ug/l	99
23) Vinyl Acetate	3.83	43	718776	94.14	ug/l	99
24) 1,1-Dichloroethane	3.70	63	100388	20.28	ug/l	99
25) 2-Butanone	4.71	43	204473	102.18	ug/l	99
26) 2,2-Dichloropropane	4.59	77	50118	14.09	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	54460	19.43	ug/l	93
28) Bromochloromethane	5.03	49	41806	18.03	ug/l	96
29) Tetrahydrofuran	5.17	42	132480	101.02	ug/l	97
30) Chloroform	5.22	83	94875	19.87	ug/l	97
31) Cyclohexane	5.58	56	77665	19.05	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	82123	20.57	ug/l	99
36) 1,1-Dichloropropene	5.81	75	66213	19.40	ug/l	96
37) Ethyl Acetate	4.87	43	78673	20.36	ug/l	99
38) Carbon Tetrachloride	5.79	117	72511	21.33	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76692	19.22	ug/l	98
40) Benzene	6.15	78	204089	19.94	ug/l	99
41) Methacrylonitrile	5.07	41	44348	20.33	ug/l	98
42) 1,2-Dichloroethane	6.20	62	79917	20.17	ug/l	99
43) Isopropyl Acetate	6.47	43	124824	19.50	ug/l	99
44) Trichloroethene	7.21	130	58978	19.96	ug/l	100
45) 1,2-Dichloropropane	7.52	63	52502	19.49	ug/l	98
46) Dibromomethane	7.66	93	36855	20.45	ug/l	98
47) Bromodichloromethane	7.90	83	66034	20.78	ug/l	98
48) Methyl methacrylate	7.78	41	64511	19.72	ug/l	97
49) 1,4-Dioxane	7.76	88	26291	424.37	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	424443	103.26	ug/l	99
52) Toluene	8.79	92	130970	20.06	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	71544	18.58	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	64639	18.28	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	53694	20.35	ug/l	98
56) Ethyl methacrylate	9.19	69	78325	19.29	ug/l	98
57) 1,3-Dichloropropane	9.38	76	88720	19.88	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	176411	89.83	ug/l	99
59) 2-Hexanone	9.50	43	322735	104.20	ug/l	99
60) Dibromochloromethane	9.59	129	52916	20.25	ug/l	98
61) 1,2-Dibromoethane	9.68	107	57249	20.95	ug/l	100
64) Tetrachloroethene	9.34	164	66241	19.35	ug/l	99
65) Chlorobenzene	10.14	112	153596	20.28	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	53994	20.91	ug/l	99
67) Ethyl Benzene	10.26	91	251865	19.71	ug/l	99
68) m/p-Xylenes	10.37	106	196303	39.83	ug/l	99
69) o-Xylene	10.70	106	94076	19.43	ug/l	100
70) Styrene	10.71	104	156251	19.62	ug/l	99
71) Bromoform	10.86	173	39575	20.04	ug/l #	99
73) Isopropylbenzene	11.02	105	256951	20.62	ug/l	100
74) N-amyl acetate	6.47	43	124824	20.17	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	81334	22.11	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	76537m	21.77	ug/l	
77) Bromobenzene	11.26	156	72606	20.92	ug/l	97
78) n-propylbenzene	11.37	91	289107	20.23	ug/l	99
79) 2-Chlorotoluene	11.43	91	172843	20.26	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	217076	20.62	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	16071	17.59	ug/l	90
82) 4-Chlorotoluene	11.51	91	203361	20.20	ug/l	100
83) tert-Butylbenzene	11.77	119	208339	20.54	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	220201	20.50	ug/l	98
85) sec-Butylbenzene	11.95	105	254507	20.18	ug/l	99
86) p-Isopropyltoluene	12.07	119	229089	20.08	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	128031	20.11	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	130116	20.09	ug/l	99
89) n-Butylbenzene	12.39	91	191906	19.06	ug/l	99
90) Hexachloroethane	12.60	117	29709	18.45	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	131932	20.59	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17469	22.67	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	91427	19.66	ug/l	99
94) Hexachlorobutadiene	13.79	225	46125	18.83	ug/l	100
95) Naphthalene	13.84	128	262630	20.99	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	96071	20.57	ug/l	100

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

