

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042619\
 Data File : VX009189.D
 Acq On : 26 Apr 2019 15:00
 Operator : JC/SP
 Sample : VX0426WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/29/2019 11:25:28 AM

Quant Time: Apr 27 05:20:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	192257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	316116	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	282433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132781	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	124705	46.03	ug/l	0.00
Spiked Amount			Recovery	=	92.06%	
35) Dibromofluoromethane	5.50	113	91781	45.24	ug/l	0.00
Spiked Amount			Recovery	=	90.48%	
50) Toluene-d8	8.71	98	360590	44.57	ug/l	0.00
Spiked Amount			Recovery	=	89.14%	
62) 4-Bromofluorobenzene	11.13	95	132221	46.29	ug/l	0.00
Spiked Amount			Recovery	=	92.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	40071	18.095	ug/l	99
3) Chloromethane	1.32	50	48447	17.820	ug/l	99
4) Vinyl Chloride	1.40	62	47215	17.844	ug/l	99
5) Bromomethane	1.64	94	18208	13.991	ug/l	99
6) Chloroethane	1.71	64	29919	19.229	ug/l	94
7) Trichlorofluoromethane	1.93	101	56664	18.342	ug/l	100
8) Diethyl Ether	2.19	74	26829	18.989	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	34632	17.533	ug/l	98
10) Methyl Iodide	2.51	142	12366	9.635	ug/l	99
11) Tert butyl alcohol	3.05	59	64413	107.101	ug/l	99
12) 1,1-Dichloroethene	2.37	96	36862	17.879	ug/l	96
13) Acrolein	2.29	56	66070	127.142	ug/l	99
14) Allyl chloride	2.73	41	85240	18.950	ug/l	99
15) Acrylonitrile	3.14	53	150505	98.582	ug/l	100
16) Acetone	2.45	43	132707	94.450	ug/l	97
17) Carbon Disulfide	2.57	76	100285	17.391	ug/l	99
18) Methyl Acetate	2.78	43	70424	20.083	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	139119	18.937	ug/l	99
20) Methylene Chloride	2.85	84	44155	18.376	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	37763	17.172	ug/l	97
22) Diisopropyl ether	3.86	45	169810	19.428	ug/l	89
23) Vinyl Acetate	3.81	43	751933	97.866	ug/l	99
24) 1,1-Dichloroethane	3.70	63	81745	18.631	ug/l	100
25) 2-Butanone	4.68	43	226431	100.820	ug/l	100
26) 2,2-Dichloropropane	4.59	77	54421	16.547	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	45010	18.027	ug/l	99
28) Bromochloromethane	5.02	49	38233	19.814	ug/l	100
29) Tetrahydrofuran	5.13	42	149995	99.783	ug/l	99
30) Chloroform	5.21	83	73317	18.673	ug/l	98
31) Cyclohexane	5.57	56	77344	17.923	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	60453	18.577	ug/l	99
36) 1,1-Dichloropropene	5.80	75	55421	16.952	ug/l	100
37) Ethyl Acetate	4.84	43	83699	19.896	ug/l	99
38) Carbon Tetrachloride	5.79	117	50064	18.063	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67932	17.066	ug/l	94
40) Benzene	6.14	78	177365	18.390	ug/l	100
41) Methacrylonitrile	5.04	41	48049	19.901	ug/l	99
42) 1,2-Dichloroethane	6.19	62	62560	18.311	ug/l	100
43) Isopropyl Acetate	6.45	43	130589	19.263	ug/l	100
44) Trichloroethene	7.21	130	40362	17.080	ug/l	96
45) 1,2-Dichloropropane	7.51	63	50258	18.783	ug/l	98
46) Dibromomethane	7.66	93	28502	18.304	ug/l	99
47) Bromodichloromethane	7.90	83	55805	18.271	ug/l	99
48) Methyl methacrylate	7.77	41	66003	19.704	ug/l	98
49) 1,4-Dioxane	7.74	88	27167	433.305	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	435451	100.823	ug/l	99
52) Toluene	8.78	92	106463	18.418	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	62494	17.779	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	69436	17.642	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	43843	19.138	ug/l	95
56) Ethyl methacrylate	9.18	69	77612	18.894	ug/l	98
57) 1,3-Dichloropropane	9.37	76	76169	18.674	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	191618	86.625	ug/l	99
59) 2-Hexanone	9.49	43	339807	102.049	ug/l	100
60) Dibromochloromethane	9.58	129	41220	18.774	ug/l	99
61) 1,2-Dibromoethane	9.67	107	44087	18.646	ug/l	99
64) Tetrachloroethene	9.34	164	36982	17.236	ug/l	98
65) Chlorobenzene	10.14	112	107951	18.108	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	38753	18.453	ug/l	99
67) Ethyl Benzene	10.25	91	199806	18.335	ug/l	97
68) m/p-Xylenes	10.36	106	145537	36.747	ug/l	99
69) o-Xylene	10.70	106	71863	18.648	ug/l	98
70) Styrene	10.71	104	123382	18.476	ug/l	99
71) Bromoform	10.85	173	29813	17.819	ug/l	97
73) Isopropylbenzene	11.02	105	191913	19.068	ug/l	100
74) N-amyl acetate	10.90	43	116184	20.105	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	71790	19.522	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	70878m	21.861	ug/l	
77) Bromobenzene	11.26	156	46589	18.347	ug/l	99
78) n-propylbenzene	11.36	91	215838	18.684	ug/l	100
79) 2-Chlorotoluene	11.42	91	131126	18.837	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	159767	18.917	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20995	16.624	ug/l	92
82) 4-Chlorotoluene	11.51	91	149070	18.439	ug/l	100
83) tert-Butylbenzene	11.77	119	152444	18.800	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	161212	18.752	ug/l	100
85) sec-Butylbenzene	11.94	105	182297	18.850	ug/l	99
86) p-Isopropyltoluene	12.06	119	164586	18.511	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	80945	18.212	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	81956	18.191	ug/l	100
89) n-Butylbenzene	12.39	91	143903	17.378	ug/l	99
90) Hexachloroethane	12.60	117	26508	18.074	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	83835	19.102	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17189	20.529	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	56165	17.728	ug/l	99
94) Hexachlorobutadiene	13.78	225	27745	17.559	ug/l	99
95) Naphthalene	13.83	128	200847	19.788	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	59631	19.076	ug/l	100

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

