

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042319\
 Data File : VX009129.D
 Acq On : 23 Apr 2019 18:24
 Operator : JC/SP
 Sample : K2535-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016MSD

Manual Integrations
 APPROVED

MMDadoda
 4/24/2019 12:03:04 PM

Quant Time: Apr 24 09:00:54 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	181203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	301856	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	262499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	124090	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	136046	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
35) Dibromofluoromethane	5.50	113	100630	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
50) Toluene-d8	8.71	98	391198	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
62) 4-Bromofluorobenzene	11.13	95	137848	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	118752	56.898	ug/l	100
3) Chloromethane	1.32	50	134757	52.592	ug/l	99
4) Vinyl Chloride	1.41	62	135625	54.383	ug/l	100
5) Bromomethane	1.64	94	230743	140.229	ug/l	97
6) Chloroethane	1.71	64	80332	54.778	ug/l	96
7) Trichlorofluoromethane	1.92	101	161973	55.628	ug/l	98
8) Diethyl Ether	2.19	74	72955	54.787	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	102472	55.043	ug/l	99
10) Methyl Iodide	2.51	142	121313	58.751	ug/l	100
11) Tert butyl alcohol	3.06	59	160573	283.275	ug/l	99
12) 1,1-Dichloroethene	2.37	96	105292	54.185	ug/l	99
13) Acrolein	2.29	56	114037	232.835	ug/l	99
14) Allyl chloride	2.73	41	244057	57.568	ug/l	100
15) Acrylonitrile	3.15	53	418361	290.745	ug/l	100
16) Acetone	2.45	43	358334	270.589	ug/l	98
17) Carbon Disulfide	2.57	76	308057	53.850	ug/l	100
18) Methyl Acetate	2.78	43	177752	53.782	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	390543	56.406	ug/l	99
20) Methylene Chloride	2.85	84	120413	53.170	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	111848	53.964	ug/l	96
22) Diisopropyl ether	3.86	45	473569	57.486	ug/l	89
23) Vinyl Acetate	3.82	43	1980813	273.536	ug/l	99
24) 1,1-Dichloroethane	3.70	63	232302	56.175	ug/l	100
25) 2-Butanone	4.68	43	618467	292.176	ug/l	99
26) 2,2-Dichloropropane	4.59	77	153123	49.398	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	128986	54.813	ug/l	99
28) Bromochloromethane	5.02	49	95803	56.007	ug/l	98
29) Tetrahydrofuran	5.13	42	415076	292.970	ug/l	99
30) Chloroform	5.21	83	209296	56.559	ug/l	100
31) Cyclohexane	5.58	56	230043	56.559	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	174362	56.851	ug/l	99
36) 1,1-Dichloropropene	5.80	75	163887	52.497	ug/l	99
37) Ethyl Acetate	4.84	43	216371	53.862	ug/l	100
38) Carbon Tetrachloride	5.79	117	145808	55.093	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	212736	55.969	ug/l	97
40) Benzene	6.14	78	500522	54.348	ug/l	99
41) Methacrylonitrile	5.04	41	131270	56.937	ug/l	98
42) 1,2-Dichloroethane	6.19	62	178535	54.725	ug/l	99
43) Isopropyl Acetate	6.45	43	350868	54.200	ug/l	100
44) Trichloroethene	7.21	130	116446	51.604	ug/l	99
45) 1,2-Dichloropropane	7.51	63	142088	55.612	ug/l	99
46) Dibromomethane	7.66	93	80888	54.399	ug/l	99
47) Bromodichloromethane	7.90	83	162967	55.879	ug/l	98
48) Methyl methacrylate	7.77	41	183276	57.298	ug/l	99
49) 1,4-Dioxane	7.74	88	58962	984.852	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1178074	285.652	ug/l	99
52) Toluene	8.79	92	292374	52.971	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	185264	55.197	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	204661	54.456	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	120565	55.114	ug/l	99
56) Ethyl methacrylate	9.18	69	217995	55.576	ug/l	99
57) 1,3-Dichloropropane	9.37	76	214011	54.946	ug/l	100
59) 2-Hexanone	9.49	43	889679	279.805	ug/l	99
60) Dibromochloromethane	9.58	129	120499	57.474	ug/l	99
61) 1,2-Dibromoethane	9.67	107	123267	54.598	ug/l	99
64) Tetrachloroethene	9.34	164	99264	49.778	ug/l	98
65) Chlorobenzene	10.14	112	294866	53.219	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	109359	56.027	ug/l	99
67) Ethyl Benzene	10.25	91	555735	54.868	ug/l	99
68) m/p-Xylenes	10.36	106	398419	108.238	ug/l	99
69) o-Xylene	10.70	106	191780	53.545	ug/l	98
70) Styrene	10.71	104	336868	54.275	ug/l	99
71) Bromoform	10.85	173	87387	56.196	ug/l #	98
73) Isopropylbenzene	11.02	105	515620	54.819	ug/l	100
74) N-amyl acetate	10.90	43	287430	53.221	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	191541	55.734	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	164358m	54.243	ug/l	
77) Bromobenzene	11.26	156	124271	52.365	ug/l	99
78) n-propylbenzene	11.36	91	602282	55.788	ug/l	100
79) 2-Chlorotoluene	11.42	91	350459	53.871	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	433605	54.935	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	63163	53.517	ug/l	97
82) 4-Chlorotoluene	11.51	91	406276	53.773	ug/l	100
83) tert-Butylbenzene	11.77	119	427810	56.454	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	440489	54.825	ug/l	99
85) sec-Butylbenzene	11.94	105	495328	54.805	ug/l	99
86) p-Isopropyltoluene	12.06	119	453346	54.558	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	219804	52.919	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	218787	51.962	ug/l	100
89) n-Butylbenzene	12.38	91	419838	54.253	ug/l	100
90) Hexachloroethane	12.60	117	76837	56.058	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	218429	53.255	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43739	55.898	ug/l	100
93) 1,2,4-Trichlorobenzene	13.65	180	154442	52.163	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	78341	53.052	ug/l	99
95) Naphthalene	13.83	128	521735	55.002	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	156093	53.433	ug/l	100

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

