

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052419\
 Data File : VX009899.D
 Acq On : 24 May 2019 20:04
 Operator : JC/SP
 Sample : K3032-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0657MS

Manual Integrations
 APPROVED

MMDadoda
 5/28/2019 9:52:18 AM

Quant Time: May 25 01:49:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	163001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	267906	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122748	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	112336	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
35) Dibromofluoromethane	5.50	113	78474	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
50) Toluene-d8	8.71	98	322638	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
62) 4-Bromofluorobenzene	11.13	95	120240	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	63811	42.482	ug/l	99
3) Chloromethane	1.32	50	101042	49.271	ug/l	99
4) Vinyl Chloride	1.41	62	126313	63.165	ug/l	98
5) Bromomethane	1.64	94	51056	42.538	ug/l	96
6) Chloroethane	1.71	64	59867	46.629	ug/l	99
7) Trichlorofluoromethane	1.92	101	116220	47.812	ug/l	99
8) Diethyl Ether	2.19	74	54753	47.553	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	69341	45.427	ug/l	100
10) Methyl Iodide	2.51	142	71328	41.116	ug/l	99
11) Tert butyl alcohol	3.06	59	122180	237.211	ug/l	99
12) 1,1-Dichloroethene	2.37	96	75010	49.045	ug/l	98
13) Acrolein	2.29	56	105217	225.563	ug/l	100
14) Allyl chloride	2.73	41	179906	48.268	ug/l	99
15) Acrylonitrile	3.14	53	315292	250.354	ug/l	99
16) Acetone	2.45	43	312836	261.826	ug/l	97
17) Carbon Disulfide	2.57	76	207206	48.255	ug/l	99
18) Methyl Acetate	2.78	43	131792	46.381	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	283230	47.689	ug/l	99
20) Methylene Chloride	2.85	84	88513	45.753	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	317574	191.464	ug/l	97
22) Diisopropyl ether	3.85	45	353193	49.275	ug/l	95
23) Vinyl Acetate	3.82	43	1490717	242.870	ug/l	99
24) 1,1-Dichloroethane	3.70	63	167537	47.381	ug/l	99
25) 2-Butanone	4.68	43	479110	258.041	ug/l	97
26) 2,2-Dichloropropane	4.59	77	100409	38.150	ug/l #	42
27) cis-1,2-Dichloroethene	4.60	96	817599	412.971	ug/l	92
28) Bromochloromethane	5.02	49	85774	60.855	ug/l	97
29) Tetrahydrofuran	5.13	42	315376	263.959	ug/l	96
30) Chloroform	5.21	83	153224	47.911	ug/l	98
31) Cyclohexane	5.58	56	160956	48.926	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	124989	46.949	ug/l	98
36) 1,1-Dichloropropene	5.80	75	116393	46.750	ug/l	99
37) Ethyl Acetate	4.84	43	164145	47.319	ug/l #	80
38) Carbon Tetrachloride	5.79	117	103876	45.921	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	140429	45.928	ug/l	96
40) Benzene	6.14	78	360871	46.835	ug/l	100
41) Methacrylonitrile	5.04	41	102166	49.477	ug/l	98
42) 1,2-Dichloroethane	6.19	62	133551	48.319	ug/l	98
43) Isopropyl Acetate	6.45	43	267567	48.222	ug/l	98
44) Trichloroethene	7.21	130	1989537	1068.074	ug/l	96
45) 1,2-Dichloropropane	7.51	63	103655	47.509	ug/l	97
46) Dibromomethane	7.66	93	58513	46.183	ug/l	100
47) Bromodichloromethane	7.90	83	118549	46.907	ug/l	98
48) Methyl methacrylate	7.77	41	142932	51.922	ug/l	97
49) 1,4-Dioxane	7.74	88	45427	813.714	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	949160	261.714	ug/l	98
52) Toluene	8.79	92	221144	47.215	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	135947	47.645	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	147819	46.805	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	87705	45.899	ug/l	95
56) Ethyl methacrylate	9.18	69	167564	49.125	ug/l	95
57) 1,3-Dichloropropane	9.37	76	157478	46.832	ug/l	99
59) 2-Hexanone	9.49	43	733949	257.673	ug/l	97
60) Dibromochloromethane	9.58	129	88839	47.602	ug/l	100
61) 1,2-Dibromoethane	9.67	107	91884	47.636	ug/l	99
64) Tetrachloroethene	9.34	164	71763	42.269	ug/l	99
65) Chlorobenzene	10.14	112	228374	46.124	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	80871	45.053	ug/l	99
67) Ethyl Benzene	10.25	91	422116	46.324	ug/l	100
68) m/p-Xylenes	10.36	106	310138	93.138	ug/l	98
69) o-Xylene	10.70	106	150028	45.665	ug/l	98
70) Styrene	10.71	104	268014	46.935	ug/l	98
71) Bromoform	10.85	173	68938	47.259	ug/l #	99
73) Isopropylbenzene	11.02	105	402190	45.058	ug/l	99
74) N-amyl acetate	10.90	43	243385	46.769	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	154046	46.295	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	133224m	46.789	ug/l	
77) Bromobenzene	11.26	156	100072	45.169	ug/l	98
78) n-propylbenzene	11.36	91	468758	45.984	ug/l	100
79) 2-Chlorotoluene	11.42	91	281712	44.793	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	341851	45.484	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48943	43.981	ug/l	95
82) 4-Chlorotoluene	11.51	91	326894	46.009	ug/l	98
83) tert-Butylbenzene	11.77	119	333032	45.550	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	344308	45.640	ug/l	100
85) sec-Butylbenzene	11.94	105	390920	45.099	ug/l	100
86) p-Isopropyltoluene	12.06	119	355092	45.568	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	177669	44.985	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	179119	44.984	ug/l	99
89) n-Butylbenzene	12.38	91	330359	46.904	ug/l	100
90) Hexachloroethane	12.60	117	60904	45.875	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	176441	43.861	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34581	46.327	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	126594	46.019	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	63891	45.481	ug/l	99
95) Naphthalene	13.83	128	411610	45.991	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	124493	44.645	ug/l	100

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

