

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060420\
 Data File : VX016594.D
 Acq On : 04 Jun 2020 20:09
 Operator : JC/SP
 Sample : L2894-16MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW008-200602MS

Manual Integrations
 APPROVED

MMDadoda
 6/5/2020 10:12:22 AM

Quant Time: Jun 05 07:50:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	231183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	366967	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	346287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	174316	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	143965	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	5.47	113	117473	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
50) Toluene-d8	8.70	98	443613	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.12	95	172401	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	108827	47.834	ug/l	96
3) Chloromethane	1.31	50	127832	46.495	ug/l	99
4) Vinyl Chloride	1.39	62	6690067	2300.950	ug/l	94
5) Bromomethane	1.62	94	63859	45.172	ug/l	98
6) Chloroethane	1.70	64	83848	49.437	ug/l	98
7) Trichlorofluoromethane	1.92	101	192338	50.371	ug/l	98
8) Diethyl Ether	2.17	74	76756	48.207	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	101779	48.431	ug/l	98
10) Methyl Iodide	2.49	142	97095	39.364	ug/l	100
11) Tert butyl alcohol	3.02	59	171988	233.612	ug/l	100
12) 1,1-Dichloroethene	2.36	96	147150	66.150	ug/l	99
13) Acrolein	2.27	56	73156	233.594	ug/l	97
14) Allyl chloride	2.71	41	172485	42.163	ug/l	98
15) Acrylonitrile	3.12	53	373768	247.843	ug/l	99
16) Acetone	2.42	43	303987	241.672	ug/l	99
17) Carbon Disulfide	2.55	76	299980	45.411	ug/l	100
18) Methyl Acetate	2.75	43	158762	49.211	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	408637	51.157	ug/l	97
20) Methylene Chloride	2.83	84	126850	48.743	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	271278	110.252	ug/l	95
22) Diisopropyl ether	3.82	45	373007	47.463	ug/l	96
23) Vinyl Acetate	3.79	43	1627790	236.636	ug/l	97
24) 1,1-Dichloroethane	3.67	63	218646	49.293	ug/l	100
25) 2-Butanone	4.64	43	504024	236.478	ug/l	95
26) 2,2-Dichloropropane	4.57	77	169287	46.641	ug/l #	1
27) cis-1,2-Dichloroethene	4.57	96	19905834	6993.075	ug/l	86
28) Bromochloromethane	4.99	49	86609	42.018	ug/l	90
29) Tetrahydrofuran	5.09	42	330500	240.020	ug/l	96
30) Chloroform	5.18	83	230457	51.564	ug/l	100
31) Cyclohexane	5.55	56	174684	43.775	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	208623	51.559	ug/l	98
36) 1,1-Dichloropropene	5.77	75	166695	47.977	ug/l	98
37) Ethyl Acetate	4.80	43	185423	44.451	ug/l #	80
38) Carbon Tetrachloride	5.76	117	186473	51.070	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	178580	47.320	ug/l	98
40) Benzene	6.11	78	535542	51.759	ug/l	100
41) Methacrylonitrile	5.01	41	103895	45.343	ug/l	97
42) 1,2-Dichloroethane	6.17	62	184829	50.231	ug/l	99
43) Isopropyl Acetate	6.42	43	300644	46.206	ug/l	98
44) Trichloroethene	7.19	130	157316	47.921	ug/l	98
45) 1,2-Dichloropropane	7.49	63	129060	48.996	ug/l	97
46) Dibromomethane	7.64	93	88042	49.763	ug/l	95
47) Bromodichloromethane	7.88	83	187971	51.312	ug/l	99
48) Methyl methacrylate	7.75	41	146878	47.146	ug/l	97
49) 1,4-Dioxane	7.71	88	65898	903.853	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	980785	242.083	ug/l	98
52) Toluene	8.77	92	336387	51.556	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	212648	51.049	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	219200	49.715	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	134137	51.706	ug/l	96
56) Ethyl methacrylate	9.16	69	211155	49.978	ug/l	97
57) 1,3-Dichloropropane	9.35	76	225234	50.582	ug/l	99
59) 2-Hexanone	9.48	43	761694	241.759	ug/l	97
60) Dibromochloromethane	9.57	129	156553	53.625	ug/l	100
61) 1,2-Dibromoethane	9.65	107	142431	51.271	ug/l	100
64) Tetrachloroethene	9.32	164	172950	44.641	ug/l	99
65) Chlorobenzene	10.12	112	905130	128.208	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	139898	51.912	ug/l	99
67) Ethyl Benzene	10.24	91	620001	49.326	ug/l	100
68) m/p-Xylenes	10.34	106	467865	100.391	ug/l	99
69) o-Xylene	10.68	106	229924	50.943	ug/l	97
70) Styrene	10.70	104	400659	51.645	ug/l	100
71) Bromoform	10.84	173	121928	53.534	ug/l	100
73) Isopropylbenzene	11.00	105	598359	49.541	ug/l	100
74) N-amyl acetate	10.88	43	251283	45.231	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	172217	56.894	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	190711m	49.774	ug/l	
77) Bromobenzene	11.24	156	161000	50.823	ug/l	96
78) n-propylbenzene	11.34	91	660652	48.960	ug/l	98
79) 2-Chlorotoluene	11.40	91	410620	49.853	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	507957	50.368	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	73587	47.243	ug/l	98
82) 4-Chlorotoluene	11.49	91	487482	50.119	ug/l	99
83) tert-Butylbenzene	11.76	119	455729	52.886	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	519737	50.959	ug/l	100
85) sec-Butylbenzene	11.93	105	546885	50.591	ug/l	100
86) p-Isopropyltoluene	12.05	119	514378	50.797	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	282012	51.385	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	322470	57.450	ug/l	98
89) n-Butylbenzene	12.37	91	417701	49.524	ug/l	98
90) Hexachloroethane	12.58	117	90553	51.772	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	409257	76.968	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	48655	49.624	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	187439	53.078	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	72478	52.274	ug/l	99
95) Naphthalene	13.82	128	618981	51.130	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	176419	50.993	ug/l	99

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

