

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060820\
 Data File : VX016636.D
 Acq On : 08 Jun 2020 14:21
 Operator : JC/SP
 Sample : L2926-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

Manual Integrations
 APPROVED

MMDadoda
 6/9/2020 11:41:20 AM

Quant Time: Jun 09 05:57:57 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	5.64	168	216264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	332047	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	316032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	163503	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	127126	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
35) Dibromofluoromethane	5.46	113	102822	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
50) Toluene-d8	8.70	98	382545	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
62) 4-Bromofluorobenzene	11.12	95	149813	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	99224	46.622	ug/l	97
3) Chloromethane	1.31	50	109375	42.527	ug/l	100
4) Vinyl Chloride	1.39	62	123044	45.239	ug/l	99
5) Bromomethane	1.62	94	63931	48.342	ug/l	97
6) Chloroethane	1.70	64	76878	48.455	ug/l	100
7) Trichlorofluoromethane	1.91	101	189748	53.121	ug/l	99
8) Diethyl Ether	2.17	74	72771	48.858	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	101420	51.589	ug/l	96
10) Methyl Iodide	2.49	142	108673	46.497	ug/l	99
11) Tert butyl alcohol	3.02	59	158314	229.873	ug/l	99
12) 1,1-Dichloroethene	2.36	96	105089	50.501	ug/l	98
13) Acrolein	2.27	56	81588	278.491	ug/l	96
14) Allyl chloride	2.70	41	168710	44.085	ug/l	96
15) Acrylonitrile	3.12	53	327092	231.855	ug/l	99
16) Acetone	2.42	43	291362	247.615	ug/l	98
17) Carbon Disulfide	2.55	76	267017	43.210	ug/l	100
18) Methyl Acetate	2.75	43	141609	46.922	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	377219	50.482	ug/l	96
20) Methylene Chloride	2.83	84	117937	48.444	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	112088	48.697	ug/l	94
22) Diisopropyl ether	3.82	45	332198	45.187	ug/l	96
23) Vinyl Acetate	3.78	43	1429949	222.216	ug/l	97
24) 1,1-Dichloroethane	3.67	63	206363	49.733	ug/l	99
25) 2-Butanone	4.64	43	441948	221.658	ug/l	94
26) 2,2-Dichloropropane	4.55	77	179376	52.830	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	129189	48.516	ug/l	98
28) Bromochloromethane	4.98	49	78016	40.460	ug/l	84
29) Tetrahydrofuran	5.09	42	293140	227.574	ug/l	94
30) Chloroform	5.18	83	212416	50.806	ug/l	99
31) Cyclohexane	5.55	56	159717	42.786	ug/l	92
32) 1,1,1-Trichloroethane	5.46	97	197064	52.062	ug/l	98
36) 1,1-Dichloropropene	5.77	75	151171	48.085	ug/l	98
37) Ethyl Acetate	4.79	43	161984	42.916	ug/l	97
38) Carbon Tetrachloride	5.76	117	177145	53.617	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	160907	47.121	ug/l	97
40) Benzene	6.12	78	462431	49.393	ug/l	99
41) Methacrylonitrile	5.00	41	91009	43.897	ug/l	96
42) 1,2-Dichloroethane	6.17	62	166400	49.978	ug/l	99
43) Isopropyl Acetate	6.42	43	258353	43.882	ug/l	97
44) Trichloroethene	7.19	130	146623	49.361	ug/l	97
45) 1,2-Dichloropropane	7.49	63	114025	47.841	ug/l	99
46) Dibromomethane	7.64	93	80874	50.519	ug/l	96
47) Bromodichloromethane	7.88	83	169988	51.283	ug/l	99
48) Methyl methacrylate	7.74	41	128311	45.517	ug/l	96
49) 1,4-Dioxane	7.71	88	60781	921.342	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	841865	229.647	ug/l	97
52) Toluene	8.77	92	299205	50.680	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	193942	51.455	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	198932	49.863	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	121447	51.738	ug/l	98
56) Ethyl methacrylate	9.16	69	190012	49.703	ug/l	96
57) 1,3-Dichloropropane	9.35	76	201984	50.131	ug/l	99
59) 2-Hexanone	9.48	43	656390	230.246	ug/l	97
60) Dibromochloromethane	9.57	129	143857	54.458	ug/l	99
61) 1,2-Dibromoethane	9.65	107	130140	51.773	ug/l	100
64) Tetrachloroethene	9.32	164	173270	49.005	ug/l	98
65) Chlorobenzene	10.12	112	322970	50.127	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	131103	53.305	ug/l	99
67) Ethyl Benzene	10.23	91	561921	48.985	ug/l	99
68) m/p-Xylenes	10.34	106	431329	101.412	ug/l	100
69) o-Xylene	10.68	106	208621	50.648	ug/l	97
70) Styrene	10.70	104	365115	51.569	ug/l	100
71) Bromoform	10.84	173	113634	54.669	ug/l #	99
73) Isopropylbenzene	11.00	105	563730	49.761	ug/l	98
74) N-amyl acetate	10.88	43	216285	41.506	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	145118	51.112	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	173466m	48.267	ug/l	
77) Bromobenzene	11.24	156	150746	50.734	ug/l	94
78) n-propylbenzene	11.34	91	608439	48.072	ug/l	98
79) 2-Chlorotoluene	11.40	91	381604	49.394	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	473234	50.028	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	68340	46.776	ug/l	98
82) 4-Chlorotoluene	11.49	91	445218	48.801	ug/l	99
83) tert-Butylbenzene	11.76	119	416992	51.591	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	479728	50.147	ug/l	99
85) sec-Butylbenzene	11.93	105	497108	49.028	ug/l	99
86) p-Isopropyltoluene	12.05	119	488085	51.389	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	255419	49.617	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	263628	50.073	ug/l	100
89) n-Butylbenzene	12.37	91	385386	48.714	ug/l	98
90) Hexachloroethane	12.58	117	84163	51.301	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	253664	50.861	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	43499	47.300	ug/l	96
93) 1,2,4-Trichlorobenzene	13.63	180	170170	51.375	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	70869	54.494	ug/l	98
95) Naphthalene	13.82	128	574664	50.609	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	170245	52.463	ug/l	98

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

