

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060820\
 Data File : VX016637.D
 Acq On : 08 Jun 2020 14:43
 Operator : JC/SP
 Sample : L2926-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MSD

Manual Integrations
 APPROVED

MMDadoda
 6/9/2020 11:41:25 AM

Quant Time: Jun 09 05:59:58 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	214865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	326175	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	306647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	161571	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	129420	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.00%		
35) Dibromofluoromethane	5.46	113	105371	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.92%		
50) Toluene-d8	8.70	98	400122	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.38%		
62) 4-Bromofluorobenzene	11.12	95	154128	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.06%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	95151	44.999	ug/l	98
3) Chloromethane	1.31	50	107469	42.058	ug/l	100
4) Vinyl Chloride	1.39	62	119847	44.350	ug/l	99
5) Bromomethane	1.62	94	65545	49.885	ug/l	100
6) Chloroethane	1.70	64	75428	47.850	ug/l	100
7) Trichlorofluoromethane	1.91	101	185589	52.295	ug/l	99
8) Diethyl Ether	2.17	74	69867	47.213	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	98068	50.209	ug/l	98
10) Methyl Iodide	2.49	142	109576	47.143	ug/l	99
11) Tert butyl alcohol	3.01	59	154931	226.426	ug/l	100
12) 1,1-Dichloroethene	2.36	96	101945	49.309	ug/l	96
13) Acrolein	2.27	56	80853	277.779	ug/l	98
14) Allyl chloride	2.70	41	165274	43.468	ug/l	97
15) Acrylonitrile	3.12	53	322024	229.749	ug/l	99
16) Acetone	2.42	43	268536	229.702	ug/l	98
17) Carbon Disulfide	2.55	76	265388	43.226	ug/l	99
18) Methyl Acetate	2.75	43	137094	45.722	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	367461	49.496	ug/l	99
20) Methylene Chloride	2.83	84	113665	46.994	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	109011	47.669	ug/l	93
22) Diisopropyl ether	3.82	45	321989	44.083	ug/l	97
23) Vinyl Acetate	3.78	43	1379515	215.774	ug/l	97
24) 1,1-Dichloroethane	3.67	63	196384	47.636	ug/l	99
25) 2-Butanone	4.64	43	433671	218.923	ug/l	93
26) 2,2-Dichloropropane	4.55	77	174832	51.827	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	127028	48.015	ug/l	97
28) Bromochloromethane	4.98	49	82064	42.836	ug/l	85
29) Tetrahydrofuran	5.09	42	284829	222.562	ug/l	93
30) Chloroform	5.18	83	204894	49.326	ug/l	100
31) Cyclohexane	5.55	56	155829	42.016	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	193096	51.346	ug/l	98
36) 1,1-Dichloropropene	5.77	75	149291	48.341	ug/l	98
37) Ethyl Acetate	4.79	43	155538	41.950	ug/l	97
38) Carbon Tetrachloride	5.76	117	173273	53.390	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	158881	47.365	ug/l	97
40) Benzene	6.11	78	448861	48.807	ug/l	100
41) Methacrylonitrile	5.01	41	88727	43.566	ug/l	96
42) 1,2-Dichloroethane	6.17	62	162592	49.713	ug/l	100
43) Isopropyl Acetate	6.42	43	254369	43.983	ug/l	97
44) Trichloroethene	7.19	130	142809	48.942	ug/l	95
45) 1,2-Dichloropropane	7.49	63	113555	48.501	ug/l	99
46) Dibromomethane	7.64	93	79456	50.526	ug/l	95
47) Bromodichloromethane	7.88	83	167434	51.421	ug/l	99
48) Methyl methacrylate	7.74	41	125702	45.395	ug/l	95
49) 1,4-Dioxane	7.71	88	63623	981.784	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	830057	230.502	ug/l	97
52) Toluene	8.76	92	288828	49.803	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	189638	51.219	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	197147	50.305	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	118457	51.373	ug/l	97
56) Ethyl methacrylate	9.16	69	184869	49.228	ug/l	97
57) 1,3-Dichloropropane	9.35	76	198326	50.110	ug/l	100
59) 2-Hexanone	9.48	43	649047	231.769	ug/l	97
60) Dibromochloromethane	9.57	129	139464	53.746	ug/l	99
61) 1,2-Dibromoethane	9.65	107	128864	52.188	ug/l	100
64) Tetrachloroethene	9.32	164	169512	49.410	ug/l	100
65) Chlorobenzene	10.12	112	316086	50.560	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	126754	53.114	ug/l	98
67) Ethyl Benzene	10.24	91	553599	49.736	ug/l	100
68) m/p-Xylenes	10.34	106	429026	103.958	ug/l	99
69) o-Xylene	10.68	106	201522	50.422	ug/l	99
70) Stvrene	10.70	104	357868	52.093	ug/l	99
71) Bromoform	10.84	173	113945	56.496	ug/l	99
73) Isopropylbenzene	11.00	105	544218	48.613	ug/l	100
74) N-amyl acetate	10.88	43	213212	41.405	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	143216	51.045	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	170198m	47.924	ug/l	
77) Bromobenzene	11.24	156	145509	49.557	ug/l	95
78) n-propylbenzene	11.34	91	603662	48.265	ug/l	99
79) 2-Chlorotoluene	11.40	91	373323	48.900	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	466094	49.862	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	67674	46.874	ug/l	99
82) 4-Chlorotoluene	11.49	91	439131	48.709	ug/l	98
83) tert-Butylbenzene	11.76	119	410735	51.425	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	474713	50.216	ug/l	100
85) sec-Butylbenzene	11.93	105	493762	49.280	ug/l	99
86) p-Isopropyltoluene	12.05	119	473065	50.403	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	253133	49.761	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	257423	49.479	ug/l	98
89) n-Butylbenzene	12.37	91	383885	49.105	ug/l	99
90) Hexachloroethane	12.58	117	81956	50.553	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	247786	50.277	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	43691	48.077	ug/l	96
93) 1,2,4-Trichlorobenzene	13.63	180	168421	51.455	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	69737	54.265	ug/l	99
95) Naphthalene	13.82	128	571735	50.953	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	163642	51.031	ug/l	100

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

