

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082820\
 Data File : VX018133.D
 Acq On : 28 Aug 2020 20:06
 Operator : JC/SP
 Sample : L3827-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 789UMR-DSP01-01MSD

Manual Integrations
 APPROVED

MMDadoda
 8/31/2020 8:57:52 AM

Quant Time: Aug 29 04:28:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	540128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	885545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	866412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	428724	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	392714	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
35) Dibromofluoromethane	5.47	113	310471	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	8.70	98	1136939	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.12	95	450543	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	327890	49.860	ug/l	98
3) Chloromethane	1.32	50	335296	48.361	ug/l	100
4) Vinyl Chloride	1.39	62	314620	45.586	ug/l	99
5) Bromomethane	1.62	94	175992	52.868	ug/l	98
6) Chloroethane	1.70	64	180161	48.602	ug/l	96
7) Trichlorofluoromethane	1.91	101	479468	50.948	ug/l	100
8) Diethyl Ether	2.17	74	155014	48.571	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	237102	46.603	ug/l	97
10) Methyl Iodide	2.49	142	290857	53.070	ug/l	99
11) Tert butyl alcohol	3.03	59	393285	269.752	ug/l	99
12) 1,1-Dichloroethene	2.36	96	229328	43.447	ug/l	98
13) Acrolein	2.28	56	197794	327.187	ug/l	99
14) Allyl chloride	2.70	41	458467	48.345	ug/l	99
15) Acrylonitrile	3.12	53	881515	266.545	ug/l	98
16) Acetone	2.42	43	906595	310.285	ug/l	99
17) Carbon Disulfide	2.55	76	729670	45.728	ug/l	100
18) Methyl Acetate	2.75	43	402076	57.026	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	922502	50.961	ug/l	97
20) Methylene Chloride	2.83	84	327724	54.973	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	278316	47.592	ug/l	98
22) Diisopropyl ether	3.83	45	922676	49.296	ug/l	99
23) Vinyl Acetate	3.79	43	4248822	255.112	ug/l	100
24) 1,1-Dichloroethane	3.67	63	521146	48.913	ug/l	99
25) 2-Butanone	4.64	43	1311751	273.174	ug/l	98
26) 2,2-Dichloropropane	4.55	77	341518	39.395	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	319598	47.433	ug/l	97
28) Bromochloromethane	4.99	49	259501	50.458	ug/l	98
29) Tetrahydrofuran	5.10	42	804901	263.315	ug/l	98
30) Chloroform	5.18	83	538857	48.843	ug/l	96
31) Cyclohexane	5.55	56	431571	48.086	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	499368	49.324	ug/l	100
36) 1,1-Dichloropropene	5.77	75	391228	47.899	ug/l	100
37) Ethyl Acetate	4.80	43	483885	51.008	ug/l	100
38) Carbon Tetrachloride	5.76	117	457286	49.679	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	432271	48.400	ug/l	97
40) Benzene	6.12	78	1145488	47.728	ug/l	100
41) Methacrylonitrile	5.01	41	263659	50.619	ug/l	98
42) 1,2-Dichloroethane	6.17	62	460440	50.073	ug/l	99
43) Isopropyl Acetate	6.42	43	807411	52.695	ug/l	99
44) Trichloroethene	7.19	130	324857	47.904	ug/l	98
45) 1,2-Dichloropropane	7.49	63	314944	48.689	ug/l	96
46) Dibromomethane	7.64	93	217586	47.835	ug/l	99
47) Bromodichloromethane	7.88	83	457481	50.370	ug/l	96
48) Methyl methacrylate	7.74	41	390255	51.164	ug/l	99
49) 1,4-Dioxane	7.72	88	140952	1020.159	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	2583814	272.994	ug/l	99
52) Toluene	8.77	92	755122	49.619	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	486338	48.315	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	483783	45.369	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	324416	49.983	ug/l	98
56) Ethyl methacrylate	9.16	69	500948	51.918	ug/l	99
57) 1,3-Dichloropropane	9.35	76	534199	49.901	ug/l	99
59) 2-Hexanone	9.48	43	2009149	279.171	ug/l	100
60) Dibromochloromethane	9.57	129	394676	51.835	ug/l	99
61) 1,2-Dibromoethane	9.65	107	347549	49.322	ug/l	99
64) Tetrachloroethene	9.32	164	301392	47.337	ug/l	97
65) Chlorobenzene	10.12	112	838326	48.447	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	338687	49.660	ug/l	97
67) Ethyl Benzene	10.24	91	1462639	49.703	ug/l	99
68) m/p-Xylenes	10.34	106	1118188	101.805	ug/l	99
69) o-Xylene	10.68	106	529544	49.734	ug/l	97
70) Styrene	10.70	104	926494	51.096	ug/l	99
71) Bromoform	10.84	173	296718	51.006	ug/l #	99
73) Isopropylbenzene	11.01	105	1447345	51.181	ug/l	98
74) N-amyl acetate	10.88	43	696041	51.876	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	475399	47.655	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	454971m	47.705	ug/l	
77) Bromobenzene	11.24	156	376298	48.139	ug/l	98
78) n-propylbenzene	11.34	91	1660055	51.700	ug/l	99
79) 2-Chlorotoluene	11.40	91	988251	49.816	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1227668	52.829	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	159284	45.108	ug/l	100
82) 4-Chlorotoluene	11.49	91	1170387	49.627	ug/l	100
83) tert-Butylbenzene	11.76	119	1207405	52.649	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1248241	52.538	ug/l	100
85) sec-Butylbenzene	11.93	105	1388477	53.240	ug/l	100
86) p-Isopropyltoluene	12.05	119	1301461	54.328	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	678921	49.468	ug/l	95
88) 1,4-Dichlorobenzene	12.09	146	648570	47.197	ug/l	100
89) n-Butylbenzene	12.37	91	1100887	50.349	ug/l	99
90) Hexachloroethane	12.58	117	255226	54.151	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	637810	49.370	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	131027	52.529	ug/l	96
93) 1,2,4-Trichlorobenzene	13.63	180	419901	48.742	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	171489	50.469	ug/l	98
95) Naphthalene	13.82	128	1524384	53.767	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	424153	49.829	ug/l	96

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

