

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061964.D
 Acq On : 19 Jun 2020 20:00
 Operator : JC/MD
 Sample : L3033-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY032MW006-200616

Manual Integrations
 APPROVED

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 6/22/2020 1:27:18 PM

Quant Time: Jun 22 13:17:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	183089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	323183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	339117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	155167	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	115043	46.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.70%	
35) Dibromofluoromethane	7.55	113	98822	47.80	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.60%	
50) Toluene-d8	10.07	98	445936	54.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.72%	
62) 4-Bromofluorobenzene	12.38	95	158804	56.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	113.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	7359	2.896	ug/l	99
4) Vinyl Chloride	2.16	62	7269891	2399.591	ug/l #	28
6) Chloroethane	2.67	64	1211306	590.763	ug/l	98
8) Diethyl Ether	3.38	74	4702	3.865	ug/l	86
11) Tert butyl alcohol	4.74	59	19170	56.417	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	99719	53.605	ug/l	98
16) Acetone	3.77	43	2043620	2817.589	ug/l	99
20) Methylene Chloride	4.50	84	8506	3.600	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	28157	13.178	ug/l	97
22) Diisopropyl ether	5.91	45	2904m	0.514	ug/l	
24) 1,1-Dichloroethane	5.80	63	324047	87.666	ug/l	98
25) 2-Butanone	6.80	43	15531776	14677.186	ug/l #	23
27) cis-1,2-Dichloroethene	6.79	96	6287546	2550.243	ug/l	91
29) Tetrahydrofuran	7.16	42	341217	489.954	ug/l #	74
36) 1,1-Dichloropropene	7.75	75	3139	1.065	ug/l	83
40) Benzene	8.00	78	101916	11.413	ug/l	97
42) 1,2-Dichloroethane	8.08	62	48962	16.081	ug/l	100
49) 1,4-Dioxane	9.17	88	900698	22237.719	ug/l	95
51) 4-Methyl-2-Pentanone	9.96	43	6937661	3026.354	ug/l #	78
52) Toluene	10.14	92	12045805	2147.962	ug/l #	57
55) 1,1,2-Trichloroethane	10.54	97	1726	0.782	ug/l #	85
65) Chlorobenzene	11.41	112	264200	36.922	ug/l	99
67) Ethyl Benzene	11.48	91	527631	43.979	ug/l	99
68) m/p-Xylenes	11.59	106	455321	98.422	ug/l	98
69) o-Xylene	11.92	106	198055	44.869	ug/l	98
73) Isopropylbenzene	12.22	105	40373	3.661	ug/l	98
78) n-propylbenzene	12.57	91	15557	1.236	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	34413	3.772	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	97878	10.869	ug/l	100
85) sec-Butylbenzene	13.14	105	7640	0.755	ug/l #	53
86) p-Isopropyltoluene	13.26	119	168349	18.664	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	111714	22.019	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	518096	99.760	ug/l	98
89) n-Butylbenzene	13.59	91	3984m	0.529	ug/l	

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91) 1,2-Dichlorobenzene	13.63	146	2487570	509.289	ug/l	98
93) 1,2,4-Trichlorobenzene	14.89	180	4804	2.084	ug/l #	87
95) Naphthalene	15.10	128	622393	78.503	ug/l	100

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

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