

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051920\
 Data File : VN061479.D
 Acq On : 19 May 2020 13:24
 Operator : JC/MD
 Sample : VN0519WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBSD01

Manual Integrations
 APPROVED

apatel
 5/22/2020 11:28:51 AM

Quant Time: May 20 09:21:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	259442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	469336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	440982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	204826	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	176864	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	
35) Dibromofluoromethane	7.54	113	119298	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
50) Toluene-d8	10.06	98	514244	45.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.18%	
62) 4-Bromofluorobenzene	12.37	95	192707	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	41598	19.283	ug/l	99
3) Chloromethane	2.03	50	61622	17.513	ug/l	100
4) Vinyl Chloride	2.16	62	88105	17.496	ug/l	98
5) Bromomethane	2.54	94	49962	16.985	ug/l	97
6) Chloroethane	2.67	64	59401	17.526	ug/l	98
7) Trichlorofluoromethane	2.98	101	112230	18.358	ug/l	96
8) Diethyl Ether	3.37	74	34024	19.107	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	49316	19.398	ug/l	100
10) Methyl Iodide	3.91	142	59497	19.268	ug/l	98
11) Tert butyl alcohol	4.72	59	49754	111.519	ug/l #	84
12) 1,1-Dichloroethene	3.69	96	48262	18.148	ug/l	94
13) Acrolein	3.56	56	23725	59.876	ug/l	99
14) Allyl chloride	4.27	41	76959	17.782	ug/l	99
15) Acrylonitrile	4.92	53	121399	91.844	ug/l	99
16) Acetone	3.77	43	98703	92.430	ug/l	98
17) Carbon Disulfide	4.00	76	126154	20.202	ug/l	98
18) Methyl Acetate	4.27	43	51159	18.593	ug/l	99
19) Methyl tert-butyl Ether	4.98	73	191177	18.944	ug/l	100
20) Methylene Chloride	4.50	84	58390	18.349	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	56319	18.366	ug/l	95
22) Diisopropyl ether	5.90	45	179083	18.414	ug/l	95
23) Vinyl Acetate	5.84	43	714828	92.430	ug/l	99
24) 1,1-Dichloroethane	5.79	63	104953	18.502	ug/l	98
25) 2-Butanone	6.78	43	156459	88.747	ug/l	97
26) 2,2-Dichloropropane	6.77	77	98184	18.157	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	69961	19.314	ug/l	95
28) Bromochloromethane	7.15	49	46699	19.395	ug/l	94
29) Tetrahydrofuran	7.16	42	106376	91.109	ug/l	99
30) Chloroform	7.33	83	113487	19.155	ug/l	100
31) Cyclohexane	7.61	56	94235	16.903	ug/l	92
32) 1,1,1-Trichloroethane	7.53	97	99907	18.453	ug/l	99
36) 1,1-Dichloropropene	7.75	75	80179	18.270	ug/l	99
37) Ethyl Acetate	6.88	43	65637	16.492	ug/l	97
38) Carbon Tetrachloride	7.73	117	76605	18.957	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	97084	18.112	ug/l	98
40) Benzene	8.00	78	248674	18.803	ug/l	100
41) Methacrylonitrile	7.13	41	31042m	18.467	ug/l	
42) 1,2-Dichloroethane	8.08	62	92987	19.515	ug/l	99
43) Isopropyl Acetate	8.12	43	125019	18.011	ug/l	99
44) Trichloroethene	8.80	130	68173	19.673	ug/l	94
45) 1,2-Dichloropropane	9.08	63	62292	18.818	ug/l	99
46) Dibromomethane	9.17	93	45347	19.541	ug/l	97
47) Bromodichloromethane	9.37	83	93102	19.042	ug/l	98
48) Methyl methacrylate	9.16	41	57018	17.781	ug/l	98
49) 1,4-Dioxane	9.16	88	19745	569.184	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	347447	91.884	ug/l	100
52) Toluene	10.12	92	161471	19.017	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	102232	19.077	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	107236	18.824	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	63950	19.922	ug/l	97
56) Ethyl methacrylate	10.40	69	93357	18.602	ug/l	99
57) 1,3-Dichloropropane	10.68	76	109402	19.721	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	185099	84.028	ug/l	98
59) 2-Hexanone	10.72	43	246271	90.019	ug/l	100
60) Dibromochloromethane	10.87	129	68097	19.178	ug/l	100
61) 1,2-Dibromoethane	10.98	107	65108	19.290	ug/l	100
64) Tetrachloroethene	10.60	164	64349	18.862	ug/l	98
65) Chlorobenzene	11.41	112	171366	19.056	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	60736	18.839	ug/l	99
67) Ethyl Benzene	11.48	91	314878	19.182	ug/l	97
68) m/p-Xylenes	11.59	106	238441	38.269	ug/l	100
69) o-Xylene	11.92	106	115081	19.086	ug/l	98
70) Styrene	11.94	104	188280	18.857	ug/l	99
71) Bromoform	12.10	173	40911	17.680	ug/l #	97
73) Isopropylbenzene	12.22	105	304069	18.492	ug/l	100
74) N-amyl acetate	12.04	43	104527	17.367	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	85167	18.826	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	77558m	17.647	ug/l	
77) Bromobenzene	12.50	156	68747	19.265	ug/l	97
78) n-propylbenzene	12.56	91	347485	18.547	ug/l	98
79) 2-Chlorotoluene	12.65	91	203734	18.397	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	253334	18.816	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	28322	17.095	ug/l	99
82) 4-Chlorotoluene	12.75	91	212234	18.509	ug/l	99
83) tert-Butylbenzene	12.97	119	215270	18.666	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	255483	18.961	ug/l	99
85) sec-Butylbenzene	13.15	105	286381	18.364	ug/l	100
86) p-Isopropyltoluene	13.26	119	255475	18.449	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	124443	19.054	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	124332	19.009	ug/l	98
89) n-Butylbenzene	13.59	91	224304	17.829	ug/l	99
90) Hexachloroethane	13.85	117	33042	17.606	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	122684	19.583	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	16799	18.383	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	66909	19.697	ug/l	98
94) Hexachlorobutadiene	14.98	225	26407	17.496	ug/l	98
95) Naphthalene	15.10	128	211775	19.610	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	64643	19.116	ug/l	98

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

