

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112519\
 Data File : VN059386.D
 Acq On : 25 Nov 2019 16:32
 Operator : JC/SP
 Sample : VN1125WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBSD02

Manual Integrations
 APPROVED

apatel
 11/26/2019 12:36:59 PM

Quant Time: Nov 25 17:58:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	383925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	602034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	533270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	243512	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	226775	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
35) Dibromofluoromethane	7.57	113	183589	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
50) Toluene-d8	10.08	98	724103	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.40	95	254199	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	71525	14.552	ug/l	100
3) Chloromethane	2.04	50	86179	14.312	ug/l	100
4) Vinyl Chloride	2.17	62	93648	15.106	ug/l	100
5) Bromomethane	2.54	94	52161	15.155	ug/l	98
6) Chloroethane	2.68	64	46756	13.819	ug/l	99
7) Trichlorofluoromethane	3.00	101	94240	14.117	ug/l	98
8) Diethyl Ether	3.39	74	41399	15.169	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.73	101	60723	14.875	ug/l	99
10) Methyl Iodide	3.93	142	77505	15.277	ug/l	98
11) Tert butyl alcohol	4.75	59	69836	75.721	ug/l	100
12) 1,1-Dichloroethene	3.71	96	60449	14.589	ug/l	94
13) Acrolein	3.58	56	48988	58.188	ug/l	99
14) Allyl chloride	4.30	41	113309	14.638	ug/l	99
15) Acrylonitrile	4.95	53	180983	74.218	ug/l	99
16) Acetone	3.79	43	193408	93.639	ug/l	99
17) Carbon Disulfide	4.03	76	183655	14.243	ug/l	100
18) Methyl Acetate	4.30	43	105017	15.321	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	200634	14.991	ug/l	97
20) Methylene Chloride	4.52	84	71055	15.253	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	65045	14.812	ug/l	96
22) Diisopropyl ether	5.92	45	216710	14.869	ug/l	95
23) Vinyl Acetate	5.87	43	841884	73.457	ug/l	100
24) 1,1-Dichloroethane	5.82	63	123242	15.023	ug/l	99
25) 2-Butanone	6.81	43	250424	77.971	ug/l	98
26) 2,2-Dichloropropane	6.80	77	103902	14.627	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	73482	14.831	ug/l	98
28) Bromochloromethane	7.17	49	48929	16.305	ug/l	96
29) Tetrahydrofuran	7.19	42	162844	73.326	ug/l	100
30) Chloroform	7.35	83	115044	14.353	ug/l	97
31) Cyclohexane	7.63	56	115455	14.234	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	99490	14.546	ug/l	100
36) 1,1-Dichloropropene	7.77	75	90817	14.612	ug/l	99
37) Ethyl Acetate	6.90	43	96304	14.418	ug/l	98
38) Carbon Tetrachloride	7.75	117	87430	14.695	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.07	83	107316	14.319	ug/l	99
40) Benzene	8.02	78	274770	15.063	ug/l	100
41) Methacrylonitrile	7.15	41	46313m	15.619	ug/l	
42) 1,2-Dichloroethane	8.10	62	89875	14.898	ug/l	99
43) Isopropyl Acetate	8.15	43	147922	14.491	ug/l	99
44) Trichloroethene	8.82	130	68968	14.918	ug/l	98
45) 1,2-Dichloropropane	9.10	63	73325	15.074	ug/l	99
46) Dibromomethane	9.19	93	45562	15.271	ug/l	98
47) Bromodichloromethane	9.39	83	88273	14.773	ug/l	98
48) Methyl methacrylate	9.19	41	63768	13.737	ug/l	97
49) 1,4-Dioxane	9.19	88	25000	358.332	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	458036	76.657	ug/l	99
52) Toluene	10.15	92	165923	15.127	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	103140	14.849	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	111671	14.816	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	64705	15.173	ug/l	100
56) Ethyl methacrylate	10.42	69	94866	14.786	ug/l	98
57) 1,3-Dichloropropane	10.70	76	111259	14.969	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	181497	85.181	ug/l	100
59) 2-Hexanone	10.75	43	341163	77.976	ug/l	100
60) Dibromochloromethane	10.90	129	68477	15.238	ug/l	99
61) 1,2-Dibromoethane	11.00	107	67422	15.194	ug/l	98
64) Tetrachloroethene	10.63	164	63302	15.348	ug/l	97
65) Chlorobenzene	11.43	112	169884	14.816	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	63042	15.134	ug/l	99
67) Ethyl Benzene	11.51	91	307497	15.019	ug/l	99
68) m/p-Xylenes	11.62	106	228309	30.011	ug/l	99
69) o-Xylene	11.95	106	110106	15.118	ug/l	98
70) Styrene	11.96	104	169525	14.752	ug/l	98
71) Bromoform	12.13	173	47065	14.919	ug/l #	99
73) Isopropylbenzene	12.25	105	294594	14.768	ug/l	100
74) N-amyl acetate	12.07	43	110898	13.833	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	96146	14.570	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	87178m	15.496	ug/l	
77) Bromobenzene	12.53	156	71353	14.747	ug/l	99
78) n-propylbenzene	12.59	91	335530	14.849	ug/l	99
79) 2-Chlorotoluene	12.68	91	199664	14.396	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	245013	14.611	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	32365	14.389	ug/l	99
82) 4-Chlorotoluene	12.77	91	204140	14.223	ug/l	100
83) tert-Butylbenzene	12.99	119	209331	14.780	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	239521	14.581	ug/l	100
85) sec-Butylbenzene	13.17	105	279786	14.698	ug/l	99
86) p-Isopropyltoluene	13.29	119	250371	14.781	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	122991	14.274	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	121204	14.217	ug/l	98
89) n-Butylbenzene	13.62	91	209053	14.069	ug/l	100
90) Hexachloroethane	13.88	117	44884	13.992	ug/l	94
91) 1,2-Dichlorobenzene	13.66	146	121436	14.567	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	19926	14.203	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	64957	14.730	ug/l	98
94) Hexachlorobutadiene	15.01	225	45358	15.102	ug/l	97
95) Naphthalene	15.13	128	169329	14.215	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	66886	14.545	ug/l	99

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

