

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112919\
 Data File : VN059439.D
 Acq On : 29 Nov 2019 11:50
 Operator : JC/SP
 Sample : VN1129WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBS01

Manual Integrations
 APPROVED

apatel
 12/2/2019 10:38:51 AM

Quant Time: Nov 29 23:04:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 16:56:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	397807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	616216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	551391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	253572	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	241712	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
35) Dibromofluoromethane	7.57	113	197017	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
50) Toluene-d8	10.08	98	778169	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
62) 4-Bromofluorobenzene	12.40	95	272897	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	91911	19.630	ug/l	99
3) Chloromethane	2.04	50	110219	19.272	ug/l	100
4) Vinyl Chloride	2.17	62	104260	18.971	ug/l	98
5) Bromomethane	2.55	94	62754	18.965	ug/l	96
6) Chloroethane	2.69	64	58993	19.144	ug/l	99
7) Trichlorofluoromethane	3.00	101	125391	19.155	ug/l	98
8) Diethyl Ether	3.39	74	50673	19.020	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	76252	18.913	ug/l	99
10) Methyl Iodide	3.92	142	96871	18.460	ug/l	98
11) Tert butyl alcohol	4.75	59	75020	92.932	ug/l #	84
12) 1,1-Dichloroethene	3.71	96	76780	19.446	ug/l	99
13) Acrolein	3.58	56	79648	101.073	ug/l	98
14) Allyl chloride	4.29	41	137882	18.829	ug/l	97
15) Acrylonitrile	4.95	53	215302	95.714	ug/l	100
16) Acetone	3.79	43	232641	104.795	ug/l	99
17) Carbon Disulfide	4.03	76	242705	17.913	ug/l	99
18) Methyl Acetate	4.29	43	111801	18.493	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	251201	19.743	ug/l	100
20) Methylene Chloride	4.52	84	86064	19.079	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	82019	19.066	ug/l	97
22) Diisopropyl ether	5.92	45	270552	19.882	ug/l	94
23) Vinyl Acetate	5.86	43	1095311	99.768	ug/l	100
24) 1,1-Dichloroethane	5.82	63	154812	19.773	ug/l	100
25) 2-Butanone	6.81	43	297769	97.501	ug/l	99
26) 2,2-Dichloropropane	6.80	77	129187	19.388	ug/l	98
27) cis-1,2-Dichloroethene	6.80	96	90157	19.163	ug/l	99
28) Bromochloromethane	7.17	49	67019	20.778	ug/l	99
29) Tetrahydrofuran	7.18	42	192669	94.857	ug/l	99
30) Chloroform	7.35	83	166841	21.176	ug/l	98
31) Cyclohexane	7.63	56	148162	18.876	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	124798	19.369	ug/l	98
36) 1,1-Dichloropropene	7.77	75	114668	19.351	ug/l	100
37) Ethyl Acetate	6.90	43	117687	18.771	ug/l	99
38) Carbon Tetrachloride	7.75	117	111631	19.961	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	136293	19.225	ug/l	100
40) Benzene	8.02	78	343295	19.511	ug/l	98
41) Methacrylonitrile	7.16	41	52203m	17.881	ug/l	
42) 1,2-Dichloroethane	8.10	62	112461	20.158	ug/l	100
43) Isopropyl Acetate	8.14	43	185383	19.464	ug/l	100
44) Trichloroethene	8.82	130	88966	19.831	ug/l	99
45) 1,2-Dichloropropane	9.10	63	91221	19.821	ug/l	100
46) Dibromomethane	9.19	93	54939	19.344	ug/l	98
47) Bromodichloromethane	9.39	83	114015	19.849	ug/l	99
48) Methyl methacrylate	9.19	41	80163	18.971	ug/l	98
49) 1,4-Dioxane	9.19	88	26251	425.357	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	553310	100.154	ug/l	99
52) Toluene	10.15	92	206571	19.652	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	127869	19.373	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	141581	19.870	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	80714	19.618	ug/l	98
56) Ethyl methacrylate	10.42	69	116472	20.783	ug/l	98
57) 1,3-Dichloropropane	10.70	76	137655	19.358	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	226639	128.563	ug/l	100
59) 2-Hexanone	10.74	43	403478	98.491	ug/l	100
60) Dibromochloromethane	10.90	129	85222	19.843	ug/l	99
61) 1,2-Dibromoethane	11.00	107	82726	19.622	ug/l	99
64) Tetrachloroethene	10.63	164	81407	19.961	ug/l	98
65) Chlorobenzene	11.43	112	214531	19.219	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	78566	19.408	ug/l	99
67) Ethyl Benzene	11.51	91	385591	19.666	ug/l	99
68) m/p-Xylenes	11.62	106	287874	39.325	ug/l	99
69) o-Xylene	11.95	106	137039	19.520	ug/l	100
70) Styrene	11.96	104	215150	20.668	ug/l	100
71) Bromoform	12.13	173	59780	19.394	ug/l #	99
73) Isopropylbenzene	12.25	105	366701	19.521	ug/l	100
74) N-amyl acetate	12.07	43	135093	20.755	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	115583	18.868	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	115100m	20.065	ug/l	
77) Bromobenzene	12.53	156	90720	19.726	ug/l	97
78) n-propylbenzene	12.59	91	423209	19.550	ug/l	100
79) 2-Chlorotoluene	12.67	91	252202	19.487	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	307311	19.462	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	40068	17.947	ug/l	97
82) 4-Chlorotoluene	12.77	91	253084	19.006	ug/l	100
83) tert-Butylbenzene	12.99	119	260934	19.245	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	301881	19.516	ug/l	99
85) sec-Butylbenzene	13.17	105	349309	19.400	ug/l	100
86) p-Isopropyltoluene	13.29	119	315531	19.384	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	156295	19.176	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	153777	18.793	ug/l	98
89) n-Butylbenzene	13.62	91	266042	18.697	ug/l	100
90) Hexachloroethane	13.88	117	57214	18.390	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	152374	19.079	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21463	19.906	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	84904	17.102	ug/l	100
94) Hexachlorobutadiene	15.01	225	53752	17.668	ug/l	99
95) Naphthalene	15.13	128	210611	20.223	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	84278	20.397	ug/l	99

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

