

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112919\
 Data File : VN059443.D
 Acq On : 29 Nov 2019 13:17
 Operator : JC/SP
 Sample : VN1129WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBSD01

Manual Integrations
 APPROVED

apatel
 12/2/2019 10:38:55 AM

Quant Time: Nov 29 23:24:17 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	7.65	168	346262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	544541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	486316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	220162	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	198516	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
35) Dibromofluoromethane	7.57	113	158774	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
50) Toluene-d8	10.08	98	626878	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
62) 4-Bromofluorobenzene	12.40	95	212712	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	86163	21.142	ug/l	98
3) Chloromethane	2.04	50	102045	20.499	ug/l	98
4) Vinyl Chloride	2.17	62	98708	20.634	ug/l	100
5) Bromomethane	2.55	94	55660	19.325	ug/l	95
6) Chloroethane	2.68	64	53386	19.904	ug/l	99
7) Trichlorofluoromethane	3.00	101	119182	20.916	ug/l	97
8) Diethyl Ether	3.39	74	46469	20.039	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	72107	20.547	ug/l	99
10) Methyl Iodide	3.93	142	89321	19.555	ug/l	98
11) Tert butyl alcohol	4.76	59	68952	98.130	ug/l #	85
12) 1,1-Dichloroethene	3.72	96	71264	20.736	ug/l	99
13) Acrolein	3.58	56	52177	76.069	ug/l	99
14) Allyl chloride	4.29	41	127583	20.016	ug/l	98
15) Acrylonitrile	4.96	53	200372	102.337	ug/l	99
16) Acetone	3.79	43	205441	106.318	ug/l	100
17) Carbon Disulfide	4.03	76	225334	19.106	ug/l	100
18) Methyl Acetate	4.30	43	100851	19.166	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	228741	20.654	ug/l	99
20) Methylene Chloride	4.52	84	79086	20.142	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	76425	20.410	ug/l	98
22) Diisopropyl ether	5.92	45	246470	20.808	ug/l	96
23) Vinyl Acetate	5.87	43	995717	104.198	ug/l	100
24) 1,1-Dichloroethane	5.82	63	141648	20.784	ug/l	99
25) 2-Butanone	6.81	43	270877	101.899	ug/l	99
26) 2,2-Dichloropropane	6.80	77	120729	20.816	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	84440	20.619	ug/l	100
28) Bromochloromethane	7.17	49	57521	20.506	ug/l	100
29) Tetrahydrofuran	7.19	42	179183	101.350	ug/l	99
30) Chloroform	7.35	83	134199	19.568	ug/l	98
31) Cyclohexane	7.63	56	136142	19.927	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	116203	20.720	ug/l	99
36) 1,1-Dichloropropene	7.77	75	106471	20.332	ug/l	99
37) Ethyl Acetate	6.90	43	111279	20.085	ug/l	98
38) Carbon Tetrachloride	7.75	117	101042	20.446	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	126893	20.255	ug/l	99
40) Benzene	8.02	78	314662	20.238	ug/l	100
41) Methacrylonitrile	7.15	41	40988m	15.888	ug/l	
42) 1,2-Dichloroethane	8.10	62	104895	21.276	ug/l	100
43) Isopropyl Acetate	8.15	43	169489	20.137	ug/l	93
44) Trichloroethene	8.82	130	81658	20.597	ug/l	100
45) 1,2-Dichloropropane	9.10	63	82755	20.348	ug/l	100
46) Dibromomethane	9.19	93	51312	20.445	ug/l	99
47) Bromodichloromethane	9.39	83	102828	20.257	ug/l	100
48) Methyl methacrylate	9.19	41	71952	19.269	ug/l	98
49) 1,4-Dioxane	9.19	88	22028	403.910	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	505881	103.621	ug/l	99
52) Toluene	10.15	92	191074	20.570	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	117042	20.066	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	127026	20.174	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	73271	20.153	ug/l	97
56) Ethyl methacrylate	10.42	69	105060	21.233	ug/l	97
57) 1,3-Dichloropropane	10.70	76	128115	20.388	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	181069	116.233	ug/l	99
59) 2-Hexanone	10.75	43	369179	101.980	ug/l	98
60) Dibromochloromethane	10.90	129	77740	20.484	ug/l	100
61) 1,2-Dibromoethane	11.00	107	74865	20.094	ug/l	100
64) Tetrachloroethene	10.63	164	76461	21.257	ug/l	99
65) Chlorobenzene	11.43	112	196525	19.961	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	73235	20.512	ug/l	99
67) Ethyl Benzene	11.51	91	351870	20.348	ug/l	99
68) m/p-Xylenes	11.62	106	258487	40.035	ug/l	99
69) o-Xylene	11.95	106	123266	19.907	ug/l	98
70) Styrene	11.96	104	192860	21.025	ug/l	99
71) Bromoform	12.13	173	53916	19.833	ug/l #	98
73) Isopropylbenzene	12.25	105	330324	20.253	ug/l	99
74) N-amyl acetate	12.07	43	119733	21.214	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	103674	19.492	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	105270m	21.136	ug/l	
77) Bromobenzene	12.53	156	81018	20.289	ug/l	99
78) n-propylbenzene	12.59	91	382890	20.372	ug/l	99
79) 2-Chlorotoluene	12.68	91	227577	20.253	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	278519	20.315	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	35935	18.538	ug/l	93
82) 4-Chlorotoluene	12.77	91	231571	20.030	ug/l	99
83) tert-Butylbenzene	12.99	119	235371	19.994	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	273399	20.357	ug/l	98
85) sec-Butylbenzene	13.17	105	317390	20.302	ug/l	99
86) p-Isopropyltoluene	13.29	119	285042	20.169	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	139612	19.728	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	136782	19.253	ug/l	98
89) n-Butylbenzene	13.62	91	242136	19.599	ug/l	99
90) Hexachloroethane	13.88	117	52913	19.588	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	135906	19.600	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21273	23.158	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	73913	17.148	ug/l	98
94) Hexachlorobutadiene	15.01	225	51027	19.317	ug/l	100
95) Naphthalene	15.13	128	190335	21.090	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	76146	21.297	ug/l	100

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

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