

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112818\
 Data File : VN052516.D
 Acq On : 28 Nov 2018 13:37
 Operator : MD\SY
 Sample : VN1128WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/29/2018 9:34:18 AM

Quant Time: Nov 29 00:45:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1141645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1791651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1569747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	686444	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	586630	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
35) Dibromofluoromethane	7.59	113	525924	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
50) Toluene-d8	10.09	98	2070890	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
62) 4-Bromofluorobenzene	12.40	95	699094	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	187030	17.496	ug/l	97
3) Chloromethane	2.06	50	250098	17.724	ug/l	99
4) Vinyl Chloride	2.19	62	262561	18.114	ug/l	100
5) Bromomethane	2.58	94	153975	17.025	ug/l	98
6) Chloroethane	2.71	64	153288	17.459	ug/l	100
7) Trichlorofluoromethane	3.03	101	326806	18.355	ug/l	99
8) Diethyl Ether	3.41	74	124701	18.966	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	204722	18.427	ug/l	99
10) Methyl Iodide	3.96	142	288457	19.494	ug/l	99
11) Tert butyl alcohol	4.79	59	54171	87.049	ug/l	100
12) 1,1-Dichloroethene	3.74	96	200648	18.762	ug/l	98
13) Acrolein	3.61	56	83543	99.762	ug/l #	78
14) Allyl chloride	4.33	41	339414	18.415	ug/l	99
15) Acrylonitrile	4.99	53	348684	88.515	ug/l	99
16) Acetone	3.82	43	245605	74.910	ug/l	99
17) Carbon Disulfide	4.06	76	556497	16.536	ug/l	99
18) Methyl Acetate	4.33	43	165892	17.639	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	541280	19.023	ug/l	95
20) Methylene Chloride	4.55	84	229837	17.914	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	214704	18.798	ug/l	96
22) Diisopropyl ether	5.95	45	721435	18.634	ug/l	99
23) Vinyl Acetate	5.90	43	2172038	90.072	ug/l	99
24) 1,1-Dichloroethane	5.85	63	417739	18.898	ug/l	99
25) 2-Butanone	6.84	43	386138	83.091	ug/l	97
26) 2,2-Dichloropropane	6.83	77	264279	17.272	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	249715	18.769	ug/l	99
28) Bromochloromethane	7.20	49	181314	17.958	ug/l	96
29) Tetrahydrofuran	7.21	42	257109	85.778	ug/l	99
30) Chloroform	7.37	83	401966	18.226	ug/l	98
31) Cyclohexane	7.66	56	407190	18.803	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	323554	18.516	ug/l	99
36) 1,1-Dichloropropene	7.79	75	316823	18.726	ug/l	99
37) Ethyl Acetate	6.93	43	174295	16.880	ug/l	100
38) Carbon Tetrachloride	7.78	117	274048	17.893	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	387138	18.826	ug/l	99
40) Benzene	8.04	78	959373	19.027	ug/l	99
41) Methacrylonitrile	7.17	41	88962	15.759	ug/l	91
42) 1,2-Dichloroethane	8.13	62	282752	18.520	ug/l	99
43) Isopropyl Acetate	8.17	43	320802	18.359	ug/l #	86
44) Trichloroethene	8.84	130	243494	18.853	ug/l	100
45) 1,2-Dichloropropane	9.12	63	249040	18.578	ug/l	99
46) Dibromomethane	9.21	93	138301	18.636	ug/l	99
47) Bromodichloromethane	9.40	83	287109	17.795	ug/l	99
48) Methyl methacrylate	9.20	41	166837	18.311	ug/l	97
49) 1,4-Dioxane	9.20	88	35177	372.003	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	871240	88.865	ug/l	98
52) Toluene	10.16	92	639583	21.349	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	272851	17.579	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	341075	18.337	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	198284	18.816	ug/l	98
56) Ethyl methacrylate	10.43	69	245658	18.577	ug/l	96
57) 1,3-Dichloropropane	10.71	76	346223	18.607	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	702542	91.878	ug/l	98
59) 2-Hexanone	10.75	43	565621	85.960	ug/l	98
60) Dibromochloromethane	10.90	129	200104	17.484	ug/l	98
61) 1,2-Dibromoethane	11.01	107	191304	18.278	ug/l	100
64) Tetrachloroethene	10.63	164	230749	18.959	ug/l	99
65) Chlorobenzene	11.43	112	619822	19.149	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	208818	18.554	ug/l	99
67) Ethyl Benzene	11.51	91	1112930	19.635	ug/l	100
68) m/p-Xylenes	11.62	106	862109	40.856	ug/l	100
69) o-Xylene	11.95	106	410721	20.044	ug/l	100
70) Styrene	11.96	104	636642	19.506	ug/l	100
71) Bromoform	12.13	173	126232	16.940	ug/l #	100
73) Isopropylbenzene	12.25	105	1060116	19.684	ug/l	99
74) N-amyl acetate	12.07	43	246831	18.141	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	221456	18.076	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	188097m	17.770	ug/l	
77) Bromobenzene	12.53	156	263874	19.823	ug/l	96
78) n-propylbenzene	12.59	91	1214563	19.851	ug/l	99
79) 2-Chlorotoluene	12.68	91	717983	19.706	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	878331	20.449	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	47571	15.008	ug/l	89
82) 4-Chlorotoluene	12.77	91	711015	19.363	ug/l	99
83) tert-Butylbenzene	12.99	119	759392	19.832	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	940180	21.842	ug/l	100
85) sec-Butylbenzene	13.17	105	1006356	19.296	ug/l	99
86) p-Isopropyltoluene	13.29	119	863758	19.444	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	445734	19.143	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	433170	18.886	ug/l	99
89) n-Butylbenzene	13.62	91	706387	19.121	ug/l	99
90) Hexachloroethane	13.88	117	126648	16.838	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	430208	19.338	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29268	16.704	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	205290	18.722	ug/l	99
94) Hexachlorobutadiene	15.01	225	132606	18.529	ug/l	99
95) Naphthalene	15.13	128	453709	19.780	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	191868	18.917	ug/l	99

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

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