

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
 Data File : VN052565.D
 Acq On : 29 Nov 2018 15:18
 Operator : MD\SY
 Sample : VN1129WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/30/2018 11:11:39 AM

Quant Time: Nov 30 03:07:31 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	1059147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1650827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1440415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	639281	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	581058	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
35) Dibromofluoromethane	7.59	113	530163	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
50) Toluene-d8	10.09	98	2004152	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.40	95	671318	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	174561	17.602	ug/l	98
3) Chloromethane	2.06	50	224547	17.153	ug/l	99
4) Vinyl Chloride	2.19	62	245737	18.274	ug/l	100
5) Bromomethane	2.58	94	137089	16.339	ug/l	98
6) Chloroethane	2.71	64	149995	18.415	ug/l	97
7) Trichlorofluoromethane	3.03	101	311497	18.858	ug/l	100
8) Diethyl Ether	3.41	74	116883	19.161	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.77	101	196947	19.108	ug/l	98
10) Methyl Iodide	3.96	142	263126	19.167	ug/l	98
11) Tert butyl alcohol	4.78	59	54246	93.960	ug/l	99
12) 1,1-Dichloroethene	3.74	96	186649	18.813	ug/l	99
13) Acrolein	3.61	56	76703	99.075	ug/l	95
14) Allyl chloride	4.33	41	312757	18.290	ug/l	99
15) Acrylonitrile	4.99	53	334970	91.657	ug/l	98
16) Acetone	3.82	43	236244	77.668	ug/l	100
17) Carbon Disulfide	4.06	76	524286	16.792	ug/l	99
18) Methyl Acetate	4.33	43	162108	18.580	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	514192	19.479	ug/l	100
20) Methylene Chloride	4.55	84	211702	17.785	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	201534	19.019	ug/l	96
22) Diisopropyl ether	5.95	45	675331	18.802	ug/l	98
23) Vinyl Acetate	5.90	43	2055039	91.858	ug/l	98
24) 1,1-Dichloroethane	5.85	63	386978	18.870	ug/l	99
25) 2-Butanone	6.84	43	363344	84.277	ug/l	96
26) 2,2-Dichloropropane	6.83	77	255000	17.964	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	235138	19.050	ug/l	97
28) Bromochloromethane	7.20	49	170569	18.210	ug/l	94
29) Tetrahydrofuran	7.21	42	250571	90.108	ug/l	98
30) Chloroform	7.37	83	377951	18.472	ug/l	100
31) Cyclohexane	7.66	56	363395	18.074	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	311986	19.245	ug/l	99
36) 1,1-Dichloropropene	7.80	75	293944	18.856	ug/l	100
37) Ethyl Acetate	6.93	43	163074	17.140	ug/l	99
38) Carbon Tetrachloride	7.77	117	264410	18.736	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	346545	18.289	ug/l	98
40) Benzene	8.04	78	880192	18.946	ug/l	100
41) Methacrylonitrile	7.17	41	87055	16.737	ug/l #	92
42) 1,2-Dichloroethane	8.13	62	267889	19.044	ug/l	100
43) Isopropyl Acetate	8.17	43	314512	19.534	ug/l	98
44) Trichloroethene	8.84	130	229746	19.306	ug/l	98
45) 1,2-Dichloropropane	9.12	63	233484	18.903	ug/l	99
46) Dibromomethane	9.21	93	131033	19.163	ug/l	99
47) Bromodichloromethane	9.40	83	275817	18.553	ug/l	99
48) Methyl methacrylate	9.20	41	151561	18.053	ug/l	98
49) 1,4-Dioxane	9.20	88	35278	404.896	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	831854	92.085	ug/l	99
52) Toluene	10.16	92	536659	19.442	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	264337	18.483	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	323474	18.874	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	184829	19.036	ug/l	99
56) Ethyl methacrylate	10.43	69	229257	18.781	ug/l	99
57) 1,3-Dichloropropane	10.71	76	322705	18.823	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	674065	95.673	ug/l	99
59) 2-Hexanone	10.75	43	533053	87.921	ug/l	98
60) Dibromochloromethane	10.90	129	200034	18.969	ug/l	100
61) 1,2-Dibromoethane	11.01	107	183854	19.065	ug/l	100
64) Tetrachloroethene	10.63	164	226834	20.311	ug/l	98
65) Chlorobenzene	11.44	112	575439	19.374	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	200856	19.449	ug/l	99
67) Ethyl Benzene	11.51	91	1002187	19.268	ug/l	100
68) m/p-Xylenes	11.62	106	757809	39.137	ug/l	100
69) o-Xylene	11.95	106	367635	19.552	ug/l	99
70) Styrene	11.97	104	591680	19.757	ug/l	99
71) Bromoform	12.13	173	127177	18.599	ug/l #	99
73) Isopropylbenzene	12.25	105	985149	19.642	ug/l	99
74) N-amyl acetate	12.07	43	233323	18.414	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	213949	18.752	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	185571m	18.824	ug/l	
77) Bromobenzene	12.53	156	241652	19.493	ug/l	97
78) n-propylbenzene	12.59	91	1107626	19.439	ug/l	99
79) 2-Chlorotoluene	12.68	91	659059	19.423	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	792575	19.814	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	49456	16.754	ug/l	92
82) 4-Chlorotoluene	12.78	91	647943	18.947	ug/l	99
83) tert-Butylbenzene	12.99	119	696094	19.520	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	797658	19.898	ug/l	100
85) sec-Butylbenzene	13.17	105	938175	19.315	ug/l	99
86) p-Isopropyltoluene	13.29	119	803306	19.418	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	411549	18.978	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	408604	19.129	ug/l	99
89) n-Butylbenzene	13.62	91	649298	18.872	ug/l	100
90) Hexachloroethane	13.88	117	125776	17.956	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	402762	19.440	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28962	17.749	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	186981	18.372	ug/l	99
94) Hexachlorobutadiene	15.01	225	127129	19.074	ug/l	99
95) Naphthalene	15.14	128	372008	17.825	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	172432	18.350	ug/l	99

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

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