

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
 Data File : VN052570.D
 Acq On : 29 Nov 2018 17:31
 Operator : MD\SY
 Sample : VN1129WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1129WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/30/2018 11:11:33 AM

Quant Time: Nov 30 03:29:47 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	1079751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1675786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1471421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	654719	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	548891	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
35) Dibromofluoromethane	7.59	113	499774	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
50) Toluene-d8	10.09	98	1917999	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
62) 4-Bromofluorobenzene	12.40	95	638948	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	177677	17.574	ug/l	95
3) Chloromethane	2.06	50	230947	17.305	ug/l	99
4) Vinyl Chloride	2.19	62	242269	17.672	ug/l	100
5) Bromomethane	2.57	94	142547	16.665	ug/l	98
6) Chloroethane	2.71	64	148418	17.873	ug/l	100
7) Trichlorofluoromethane	3.02	101	308361	18.312	ug/l	99
8) Diethyl Ether	3.41	74	115731	18.610	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	188232	17.914	ug/l	99
10) Methyl Iodide	3.96	142	260608	18.622	ug/l	99
11) Tert butyl alcohol	4.78	59	56229	95.536	ug/l	97
12) 1,1-Dichloroethene	3.74	96	186706	18.459	ug/l	98
13) Acrolein	3.61	56	74216	95.737	ug/l	98
14) Allyl chloride	4.33	41	313935	18.009	ug/l	99
15) Acrylonitrile	4.99	53	330012	88.578	ug/l	99
16) Acetone	3.82	43	223233	71.990	ug/l	98
17) Carbon Disulfide	4.06	76	526582	16.544	ug/l	99
18) Methyl Acetate	4.33	43	158825	17.856	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	509757	18.942	ug/l	100
20) Methylene Chloride	4.55	84	215678	17.774	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	198345	18.361	ug/l	98
22) Diisopropyl ether	5.95	45	675907	18.459	ug/l	98
23) Vinyl Acetate	5.90	43	2058650	90.264	ug/l	99
24) 1,1-Dichloroethane	5.85	63	384723	18.402	ug/l	99
25) 2-Butanone	6.84	43	357175	81.265	ug/l	96
26) 2,2-Dichloropropane	6.83	77	246405	17.027	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	233565	18.561	ug/l	97
28) Bromochloromethane	7.20	49	176294	18.462	ug/l	95
29) Tetrahydrofuran	7.21	42	242993	85.715	ug/l	98
30) Chloroform	7.37	83	377885	18.116	ug/l	97
31) Cyclohexane	7.66	56	363303	17.718	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	310007	18.758	ug/l	99
36) 1,1-Dichloropropene	7.79	75	286151	18.082	ug/l	98
37) Ethyl Acetate	6.93	43	167171	17.309	ug/l	98
38) Carbon Tetrachloride	7.78	117	265620	18.541	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	338295	17.588	ug/l	99
40) Benzene	8.04	78	882199	18.706	ug/l	100
41) Methacrylonitrile	7.19	41	99280m	18.803	ug/l	
42) 1,2-Dichloroethane	8.12	62	267751	18.750	ug/l	99
43) Isopropyl Acetate	8.17	43	310025	18.969	ug/l #	87
44) Trichloroethene	8.84	130	227990	18.873	ug/l	99
45) 1,2-Dichloropropane	9.12	63	231100	18.431	ug/l	99
46) Dibromomethane	9.21	93	128163	18.464	ug/l	98
47) Bromodichloromethane	9.40	83	276674	18.334	ug/l	97
48) Methyl methacrylate	9.20	41	151202	17.742	ug/l	97
49) 1,4-Dioxane	9.20	88	37179	420.359	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	819996	89.421	ug/l	99
52) Toluene	10.16	92	530923	18.948	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	263778	18.169	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	317459	18.247	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	185308	18.801	ug/l	98
56) Ethyl methacrylate	10.43	69	232597	18.772	ug/l	98
57) 1,3-Dichloropropane	10.71	76	323841	18.608	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	676240	94.552	ug/l	98
59) 2-Hexanone	10.75	43	528206	85.824	ug/l	100
60) Dibromochloromethane	10.90	129	198291	18.523	ug/l	99
61) 1,2-Dibromoethane	11.01	107	182300	18.622	ug/l	99
64) Tetrachloroethene	10.63	164	223114	19.557	ug/l	97
65) Chlorobenzene	11.44	112	577027	19.018	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	201163	19.068	ug/l	99
67) Ethyl Benzene	11.51	91	998705	18.797	ug/l	99
68) m/p-Xylenes	11.62	106	757226	38.283	ug/l	100
69) o-Xylene	11.95	106	370586	19.294	ug/l	100
70) Styrene	11.96	104	593210	19.390	ug/l	100
71) Bromoform	12.13	173	126135	18.058	ug/l #	100
73) Isopropylbenzene	12.25	105	986240	19.200	ug/l	99
74) N-amyl acetate	12.07	43	247176	19.047	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	216525	18.530	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	180198m	17.848	ug/l	
77) Bromobenzene	12.53	156	244694	19.273	ug/l	97
78) n-propylbenzene	12.59	91	1115677	19.119	ug/l	100
79) 2-Chlorotoluene	12.68	91	655316	18.858	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	795344	19.414	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	50699	16.770	ug/l	95
82) 4-Chlorotoluene	12.77	91	663662	18.949	ug/l	100
83) tert-Butylbenzene	12.99	119	701668	19.212	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	803689	19.575	ug/l	99
85) sec-Butylbenzene	13.17	105	952926	19.156	ug/l	100
86) p-Isopropyltoluene	13.29	119	810440	19.128	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	419461	18.887	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	412805	18.870	ug/l	99
89) n-Butylbenzene	13.62	91	667214	18.936	ug/l	100
90) Hexachloroethane	13.88	117	126758	17.669	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	407269	19.194	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29101	17.413	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	199289	19.005	ug/l	99
94) Hexachlorobutadiene	15.01	225	126580	18.544	ug/l	99
95) Naphthalene	15.14	128	402969	18.655	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	184346	19.036	ug/l	98

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

