

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049533.D
 Acq On : 26 Jun 2018 1:46
 Operator : MD\SY
 Sample : VN0625WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD02

Manual Integrations
 APPROVED

apatel
 6/26/2018 5:16:01 PM

Quant Time: Jun 26 03:43:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1404035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2111841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1901237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	860578	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	909158	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	7.59	113	821925	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
50) Toluene-d8	10.09	98	3087708	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
62) 4-Bromofluorobenzene	12.40	95	995206	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	263990	16.34	ug/l	98
3) Chloromethane	2.06	50	345842	16.57	ug/l	100
4) Vinyl Chloride	2.18	62	382970	17.27	ug/l	100
5) Bromomethane	2.57	94	228759	19.62	ug/l	98
6) Chloroethane	2.71	64	242708	18.35	ug/l	99
7) Trichlorofluoromethane	3.02	101	525396	18.99	ug/l	100
8) Diethyl Ether	3.41	74	178583	18.49	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	324374	18.48	ug/l	94
10) Methyl Iodide	3.95	142	364937	19.98	ug/l	92
11) Tert butyl alcohol	4.79	59	100885	92.30	ug/l #	70
12) 1,1-Dichloroethene	3.73	96	292892	18.19	ug/l	88
13) Acrolein	3.61	56	128531	112.14	ug/l	98
14) Allyl chloride	4.32	41	463187	18.22	ug/l	90
15) Acrylonitrile	5.00	53	510657	93.44	ug/l	99
16) Acetone	3.82	43	355428	78.61	ug/l	92
17) Carbon Disulfide	4.05	76	836540	16.58	ug/l	100
18) Methyl Acetate	4.33	43	288610	20.93	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	794716	19.36	ug/l	98
20) Methylene Chloride	4.55	84	349448	18.50	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	315154	18.49	ug/l	92
22) Diisopropyl ether	5.96	45	1011577	19.93	ug/l	97
23) Vinyl Acetate	5.90	43	3081477	93.12	ug/l	96
24) 1,1-Dichloroethane	5.85	63	615367	18.94	ug/l	99
25) 2-Butanone	6.84	43	540787	89.07	ug/l	97
26) 2,2-Dichloropropane	6.82	77	431267	16.44	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	366827	19.36	ug/l	89
28) Bromochloromethane	7.20	49	288285	20.01	ug/l #	83
29) Tetrahydrofuran	7.22	42	360277	92.19	ug/l	93
30) Chloroform	7.37	83	629121	19.46	ug/l	100
31) Cyclohexane	7.66	56	522835	18.87	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	538820	19.53	ug/l	96
36) 1,1-Dichloropropene	7.79	75	455428	18.82	ug/l	97
37) Ethyl Acetate	6.93	43	240067	18.24	ug/l #	95
38) Carbon Tetrachloride	7.77	117	477136	19.04	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	457875	17.62	ug/l	98
40) Benzene	8.04	78	1400614	18.88	ug/l	98
41) Methacrylonitrile	7.18	41	139795	19.65	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	440337	19.21	ug/l	96
43) Isopropyl Acetate	8.17	43	484075	19.25	ug/l	97
44) Trichloroethene	8.84	130	382052	19.50	ug/l	93
45) 1,2-Dichloropropane	9.12	63	372004	19.15	ug/l	99
46) Dibromomethane	9.21	93	214797	19.07	ug/l	90
47) Bromodichloromethane	9.40	83	472675	19.09	ug/l	94
48) Methyl methacrylate	9.20	41	220241	18.60	ug/l	87
49) 1,4-Dioxane	9.20	88	56012	342.79	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1254539	95.21	ug/l	95
52) Toluene	10.16	92	852253	19.57	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	430162	18.16	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	510188	18.24	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	305558	18.82	ug/l	98
56) Ethyl methacrylate	10.43	69	343862	18.36	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	515731	19.17	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	470436	80.55	ug/l	96
59) 2-Hexanone	10.75	43	766948	90.28	ug/l	95
60) Dibromochloromethane	10.90	129	338349	18.67	ug/l	98
61) 1,2-Dibromoethane	11.01	107	286766	19.00	ug/l	100
64) Tetrachloroethene	10.63	164	423487	21.74	ug/l	98
65) Chlorobenzene	11.44	112	923397	18.85	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	350326	19.01	ug/l	99
67) Ethyl Benzene	11.51	91	1552645	19.11	ug/l	97
68) m/p-Xylenes	11.62	106	1194661	39.18	ug/l	96
69) o-Xylene	11.95	106	571968	19.48	ug/l	96
70) Styrene	11.97	104	893834	19.29	ug/l	98
71) Bromoform	12.13	173	225905	18.93	ug/l #	100
73) Isopropylbenzene	12.25	105	1519762	20.11	ug/l	98
74) N-amyl acetate	12.07	43	332991	17.99	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.51	83	327520	19.71	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	273820m	18.65	ug/l	
77) Bromobenzene	12.53	156	385387	19.31	ug/l	90
78) n-propylbenzene	12.59	91	1680062	20.25	ug/l	99
79) 2-Chlorotoluene	12.68	91	1039500	19.77	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1229791	20.71	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	79080	17.02	ug/l	93
82) 4-Chlorotoluene	12.78	91	1010542	19.93	ug/l	97
83) tert-Butylbenzene	12.99	119	1042523	19.81	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1226560	20.79	ug/l	99
85) sec-Butylbenzene	13.17	105	1378690	19.69	ug/l	99
86) p-Isopropyltoluene	13.29	119	1146179	19.59	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	627295	19.11	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	603207	18.54	ug/l	99
89) n-Butylbenzene	13.62	91	800004	17.51	ug/l	99
90) Hexachloroethane	13.88	117	235087	20.22	ug/l	87
91) 1,2-Dichlorobenzene	13.65	146	616715	19.15	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	46409	17.64	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	180373	15.80	ug/l	99
94) Hexachlorobutadiene	15.01	225	193250	18.82	ug/l	99
95) Naphthalene	15.14	128	350756	16.20	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	202879	16.55	ug/l	98

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

