

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049518.D
 Acq On : 25 Jun 2018 18:29
 Operator : MD\SY
 Sample : VN0625WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Manual Integrations
 APPROVED

apatel
 6/26/2018 5:14:23 PM

Quant Time: Jun 26 02:13:39 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	1581145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2330192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2099680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1003850	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1051009	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
35) Dibromofluoromethane	7.59	113	928762	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	10.09	98	3507576	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.40	95	1146174	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	293169	16.11	ug/l	100
3) Chloromethane	2.06	50	385511	16.40	ug/l	96
4) Vinyl Chloride	2.18	62	420838	16.85	ug/l	97
5) Bromomethane	2.57	94	226081	17.22	ug/l	96
6) Chloroethane	2.70	64	265522	17.83	ug/l	99
7) Trichlorofluoromethane	3.01	101	593783	19.06	ug/l	99
8) Diethyl Ether	3.41	74	210932	19.39	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.75	101	366098	18.53	ug/l	92
10) Methyl Iodide	3.95	142	389587	18.94	ug/l	92
11) Tert butyl alcohol	4.80	59	123940	100.69	ug/l	99
12) 1,1-Dichloroethene	3.73	96	329026	18.15	ug/l	88
13) Acrolein	3.61	56	145961	113.08	ug/l	99
14) Allyl chloride	4.32	41	529368	18.49	ug/l	90
15) Acrylonitrile	4.99	53	605707	98.41	ug/l	98
16) Acetone	3.82	43	488232	95.88	ug/l #	89
17) Carbon Disulfide	4.05	76	934757	16.45	ug/l	99
18) Methyl Acetate	4.33	43	332315	21.40	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	915736	19.81	ug/l	98
20) Methylene Chloride	4.55	84	386077	18.15	ug/l	93
21) trans-1,2-Dichloroethene	5.04	96	350434	18.26	ug/l	93
22) Diisopropyl ether	5.96	45	1141484	19.97	ug/l	98
23) Vinyl Acetate	5.90	43	3570975	95.83	ug/l	95
24) 1,1-Dichloroethane	5.85	63	696541	19.04	ug/l	98
25) 2-Butanone	6.84	43	676990	99.02	ug/l	93
26) 2,2-Dichloropropane	6.83	77	573752	19.42	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	403588	18.91	ug/l	91
28) Bromochloromethane	7.19	49	338683	20.88	ug/l #	83
29) Tetrahydrofuran	7.22	42	429577	97.61	ug/l	93
30) Chloroform	7.37	83	704019	19.33	ug/l	99
31) Cyclohexane	7.66	56	592784	19.00	ug/l #	92
32) 1,1,1-Trichloroethane	7.57	97	604888	19.47	ug/l	97
36) 1,1-Dichloropropene	7.79	75	513988	19.25	ug/l	97
37) Ethyl Acetate	6.94	43	304559	20.98	ug/l	99
38) Carbon Tetrachloride	7.77	117	538870	19.49	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	532813	18.59	ug/l	98
40) Benzene	8.04	78	1574178	19.23	ug/l	100
41) Methacrylonitrile	7.18	41	146505m	18.67	ug/l	
42) 1,2-Dichloroethane	8.13	62	488361	19.31	ug/l	97
43) Isopropyl Acetate	8.17	43	559287	20.16	ug/l	96
44) Trichloroethene	8.84	130	427346	19.77	ug/l	92
45) 1,2-Dichloropropane	9.12	63	414387	19.33	ug/l	99
46) Dibromomethane	9.21	93	242734	19.53	ug/l	90
47) Bromodichloromethane	9.40	83	534287	19.56	ug/l	96
48) Methyl methacrylate	9.20	41	267602	20.49	ug/l	87
49) 1,4-Dioxane	9.20	88	70651	391.87	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1487390	102.31	ug/l	95
52) Toluene	10.16	92	966613	20.11	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	501086	19.18	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	601090	19.48	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	352620	19.68	ug/l	97
56) Ethyl methacrylate	10.43	69	402792	19.49	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	584689	19.70	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	566737	86.63	ug/l	96
59) 2-Hexanone	10.75	43	953554	101.73	ug/l	93
60) Dibromochloromethane	10.90	129	394000	19.71	ug/l	98
61) 1,2-Dibromoethane	11.01	107	328422	19.72	ug/l	98
64) Tetrachloroethene	10.63	164	477448	22.19	ug/l	97
65) Chlorobenzene	11.44	112	1048239	19.38	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	393994	19.36	ug/l	99
67) Ethyl Benzene	11.51	91	1761348	19.63	ug/l	98
68) m/p-Xylenes	11.63	106	1347774	40.03	ug/l	98
69) o-Xylene	11.95	106	646990	19.95	ug/l	96
70) Styrene	11.97	104	1014611	19.83	ug/l	98
71) Bromoform	12.13	173	261587	19.85	ug/l	100
73) Isopropylbenzene	12.25	105	1720747	19.52	ug/l	98
74) N-amyl acetate	12.07	43	408800	18.94	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	387499	20.03	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	359097m	20.97	ug/l	
77) Bromobenzene	12.53	156	435993	18.73	ug/l	91
78) n-propylbenzene	12.59	91	1907391	19.71	ug/l	98
79) 2-Chlorotoluene	12.68	91	1180014	19.24	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1406159	20.30	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	98751	18.22	ug/l	95
82) 4-Chlorotoluene	12.78	91	1162044	19.64	ug/l	97
83) tert-Butylbenzene	12.99	119	1176199	19.16	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1394570	20.26	ug/l	99
85) sec-Butylbenzene	13.17	105	1581107	19.35	ug/l	98
86) p-Isopropyltoluene	13.29	119	1337144	19.59	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	732096	19.11	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	703165	18.52	ug/l	100
89) n-Butylbenzene	13.62	91	946870	17.76	ug/l	98
90) Hexachloroethane	13.88	117	272292	20.06	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	713426	18.99	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	53705	17.50	ug/l	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	218345	16.22	ug/l	97
94) Hexachlorobutadiene	15.01	225	225248	18.80	ug/l	99
95) Naphthalene	15.14	128	426642	16.77	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	241682	16.82	ug/l	98

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

