

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049260.D
 Acq On : 15 Jun 2018 14:01
 Operator : MD\SY
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 3:16:08 PM

Quant Time: Jun 16 01:00:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 15:46:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1511316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2360510	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2019378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	665921	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	20730	0.95	ug/l	95
3) Chloromethane	2.06	50	28394	1.28	ug/l	99
4) Vinyl Chloride	2.19	62	29489	1.29	ug/l	97
5) Bromomethane	2.57	94	15915	1.16	ug/l	96
6) Chloroethane	2.70	64	15951	1.04	ug/l #	88
7) Trichlorofluoromethane	3.01	101	35329	1.10	ug/l	100
8) Diethyl Ether	3.41	74	10984	0.92	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	21544	1.04	ug/l #	79
12) 1,1-Dichloroethene	3.73	96	20125	1.07	ug/l	85
14) Allyl chloride	4.32	41	27623	0.78	ug/l #	88
15) Acrylonitrile	4.99	53	28967	4.05	ug/l	97
16) Acetone	3.82	43	30311	5.20	ug/l	93
17) Carbon Disulfide	4.05	76	69138	1.07	ug/l	97
18) Methyl Acetate	4.33	43	18602	0.76	ug/l	93
19) Methyl tert-butyl Ether	5.06	73	42822	0.83	ug/l	99
20) Methylene Chloride	4.55	84	24388	1.03	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	20705	0.99	ug/l #	78
22) Diisopropyl ether	5.96	45	51620	0.73	ug/l #	95
23) Vinyl Acetate	5.90	43	161055	3.44	ug/l	99
24) 1,1-Dichloroethane	5.84	63	38481	0.91	ug/l	98
25) 2-Butanone	6.85	43	33678	4.03	ug/l	99
26) 2,2-Dichloropropane	6.82	77	29984	0.95	ug/l	81
27) cis-1,2-Dichloroethene	6.83	96	21367	0.94	ug/l	95
28) Bromochloromethane	7.19	49	15815	0.79	ug/l #	82
29) Tetrahydrofuran	7.22	42	21135	3.93	ug/l	97
30) Chloroform	7.37	83	38922	0.96	ug/l	91
31) Cyclohexane	7.66	56	52522	1.25	ug/l #	20
32) 1,1,1-Trichloroethane	7.57	97	31581	0.91	ug/l #	53
36) 1,1-Dichloropropene	7.79	75	26109	0.89	ug/l	98
37) Ethyl Acetate	6.93	43	11737	0.63	ug/l #	73
38) Carbon Tetrachloride	7.77	117	28808	0.97	ug/l	99
39) Methylcyclohexane	9.08	83	27761	0.91	ug/l	96
40) Benzene	8.04	78	84190	0.94	ug/l	98
41) Methacrylonitrile	7.18	41	6006m	0.57	ug/l	

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42) 1,2-Dichloroethane	8.12	62	27014	0.92	ug/l	92
43) Isopropyl Acetate	8.17	43	26953	0.79	ug/l #	90
44) Trichloroethene	8.83	130	21355	0.96	ug/l	93
45) 1,2-Dichloropropane	9.12	63	21699	0.88	ug/l	99
46) Dibromomethane	9.21	93	12821	0.94	ug/l	90
47) Bromodichloromethane	9.40	83	28137	0.92	ug/l	99
48) Methyl methacrylate	9.20	41	10810	0.65	ug/l #	82
49) 1,4-Dioxane	9.21	88	3447	17.45	ug/l	87
51) 4-Methyl-2-Pentanone	9.99	43	67752	3.72	ug/l	95
52) Toluene	10.16	92	41391	0.80	ug/l	90
53) t-1,3-Dichloropropene	10.38	75	22818	0.78	ug/l	95
54) cis-1,3-Dichloropropene	9.84	75	28405	0.84	ug/l #	86
55) 1,1,2-Trichloroethane	10.56	97	18658	0.98	ug/l	91
56) Ethyl methacrylate	10.44	69	16934	0.74	ug/l	88
57) 1,3-Dichloropropane	10.71	76	27730	0.85	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	20601	2.76	ug/l	91
59) 2-Hexanone	10.75	43	42404	3.73	ug/l	97
60) Dibromochloromethane	10.90	129	18940	0.90	ug/l	98
61) 1,2-Dibromoethane	11.01	107	16164	0.92	ug/l	99
64) Tetrachloroethene	10.63	164	22957	1.13	ug/l	95
65) Chlorobenzene	11.44	112	54388	1.04	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	21671	1.09	ug/l #	65
67) Ethyl Benzene	11.51	91	81487	0.91	ug/l	97
68) m/p-Xylenes	11.62	106	55929	1.70	ug/l	95
69) o-Xylene	11.95	106	26019	0.82	ug/l	95
70) Styrene	11.97	104	37863	0.76	ug/l	97
71) Bromoform	12.13	173	12185	0.98	ug/l #	97
73) Isopropylbenzene	12.25	105	64987	1.02	ug/l	95
74) N-amyl acetate	12.08	43	16537	0.91	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	20617	1.26	ug/l	97
76) 1,2,3-Trichloropropane	12.56	75	13616m	1.05	ug/l	
77) Bromobenzene	12.53	156	19985	1.27	ug/l	88
78) n-propylbenzene	12.59	91	67615	0.95	ug/l	99
79) 2-Chlorotoluene	12.68	91	46398	1.04	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	43390	0.88	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.30	75	4111	1.03	ug/l	92
82) 4-Chlorotoluene	12.78	91	40515	0.95	ug/l	94
83) tert-Butylbenzene	13.00	119	45459	1.08	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	41265	0.85	ug/l	95
85) sec-Butylbenzene	13.17	105	60246	1.07	ug/l	99
86) p-Isopropyltoluene	13.29	119	46808	1.03	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	27706	1.11	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	30562m	1.24	ug/l	
89) n-Butylbenzene	13.62	91	36927	1.05	ug/l	95
90) Hexachloroethane	13.88	117	15324	1.43	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	28768	1.17	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	2584	1.16	ug/l	82
93) 1,2,4-Trichlorobenzene	14.91	180	13831	1.53	ug/l	98
94) Hexachlorobutadiene	15.01	225	26808	3.60	ug/l	95
95) Naphthalene	15.14	128	25985	1.32	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	16121	1.66	ug/l	98

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

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