

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061819\
 Data File : VN056354.D
 Acq On : 18 Jun 2019 10:34
 Operator : JC/SP
 Sample : VN0618WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/19/2019 12:20:05 PM

Quant Time: Jun 19 02:18:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:23:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	352338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	544450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	484154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	186170	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	204488	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
35) Dibromofluoromethane	7.59	113	176951	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
50) Toluene-d8	10.09	98	680310	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.40	95	222281	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	64503	20.823	ug/l	100
3) Chloromethane	2.06	50	84334	20.304	ug/l	98
4) Vinyl Chloride	2.18	62	81502	19.966	ug/l	99
6) Chloroethane	2.68	64	110189	46.605	ug/l	96
7) Trichlorofluoromethane	3.01	101	101733	19.514	ug/l	100
8) Diethyl Ether	3.40	74	41538	20.088	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	66128	19.612	ug/l	99
10) Methyl Iodide	3.94	142	84439	19.569	ug/l	99
11) Tert butyl alcohol	4.82	59	59750	95.846	ug/l	98
12) 1,1-Dichloroethene	3.72	96	63585	19.446	ug/l	96
13) Acrolein	3.60	56	16641	95.264	ug/l	100
14) Allyl chloride	4.31	41	104048	18.974	ug/l	98
15) Acrylonitrile	4.99	53	184847	103.749	ug/l	100
16) Acetone	3.82	43	194853	89.010	ug/l	99
17) Carbon Disulfide	4.04	76	142768	16.318	ug/l	98
18) Methyl Acetate	4.33	43	77860	19.309	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	204715	20.529	ug/l	100
20) Methylene Chloride	4.54	84	76582	19.812	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	67446	19.392	ug/l	98
22) Diisopropyl ether	5.96	45	215489	19.991	ug/l	99
23) Vinyl Acetate	5.90	43	885550	100.974	ug/l	99
24) 1,1-Dichloroethane	5.84	63	125521	19.861	ug/l	98
25) 2-Butanone	6.84	43	261128	98.414	ug/l	100
26) 2,2-Dichloropropane	6.82	77	81198	17.767	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	79654	19.774	ug/l	99
28) Bromochloromethane	7.20	49	69164	21.854	ug/l	99
29) Tetrahydrofuran	7.22	42	161071	102.196	ug/l	99
30) Chloroform	7.37	83	124087	19.711	ug/l	99
31) Cyclohexane	7.65	56	119807	19.621	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	98047	18.802	ug/l	99
36) 1,1-Dichloropropene	7.79	75	93310	19.045	ug/l	98
37) Ethyl Acetate	6.93	43	97104	20.914	ug/l	99
38) Carbon Tetrachloride	7.77	117	82464	17.536	ug/l	96
39) Methylcyclohexane	9.08	83	115153	19.269	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.04	78	296017	19.917	ug/l	99
41) Methacrylonitrile	7.18	41	35603m	16.699	ug/l	
42) 1,2-Dichloroethane	8.12	62	97812	20.068	ug/l	99
43) Isopropyl Acetate	8.17	43	142571	19.196	ug/l #	90
44) Trichloroethene	8.83	130	79151	19.584	ug/l	97
45) 1,2-Dichloropropane	9.12	63	77842	19.818	ug/l	96
46) Dibromomethane	9.21	93	50236	19.246	ug/l	99
47) Bromodichloromethane	9.40	83	87140	17.474	ug/l	100
48) Methyl methacrylate	9.20	41	72478	19.342	ug/l	99
49) 1,4-Dioxane	9.20	88	30377	401.853	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	473796	100.090	ug/l	100
52) Toluene	10.15	92	181614	20.020	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	83967	16.958	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	102221	17.898	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	71239	19.108	ug/l	98
56) Ethyl methacrylate	10.43	69	105905	19.752	ug/l	98
57) 1,3-Dichloropropane	10.71	76	123265	19.629	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	197470	108.082	ug/l	98
59) 2-Hexanone	10.75	43	344316	98.076	ug/l	100
60) Dibromochloromethane	10.90	129	66568	17.024	ug/l	99
61) 1,2-Dibromoethane	11.01	107	75065	19.587	ug/l	99
64) Tetrachloroethene	10.63	164	77274	19.463	ug/l	97
65) Chlorobenzene	11.43	112	195608	19.900	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	65046	17.726	ug/l	97
67) Ethyl Benzene	11.51	91	335848	19.850	ug/l	100
68) m/p-Xylenes	11.62	106	253041	40.182	ug/l	99
69) o-Xylene	11.95	106	125157	20.162	ug/l	99
70) Stvrene	11.96	104	201863	20.142	ug/l	100
71) Bromoform	12.12	173	43279	15.176	ug/l #	99
73) Isopropylbenzene	12.25	105	327528	21.499	ug/l	99
74) N-amyl acetate	12.07	43	117989	20.168	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	102530	21.491	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	88893m	22.348	ug/l	
77) Bromobenzene	12.52	156	83329	20.728	ug/l	100
78) n-propylbenzene	12.59	91	341838	20.456	ug/l	99
79) 2-Chlorotoluene	12.67	91	212879	21.049	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	266772	20.539	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	20610	16.099	ug/l #	83
82) 4-Chlorotoluene	12.77	91	198258	20.211	ug/l	100
83) tert-Butylbenzene	12.99	119	236784	21.665	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	255651	21.137	ug/l	99
85) sec-Butylbenzene	13.17	105	302510	20.640	ug/l	100
86) p-Isopropyltoluene	13.29	119	258395	20.596	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	126140	19.907	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	118803	19.511	ug/l	98
89) n-Butylbenzene	13.61	91	182419	19.448	ug/l	99
90) Hexachloroethane	13.87	117	37768	16.034	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	124671	20.092	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14320	17.802	ug/l	94
93) 1,2,4-Trichlorobenzene	14.91	180	41894	16.911	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	46427	20.405	ug/l	97
95) Naphthalene	15.13	128	120301	17.469	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	51365	17.853	ug/l	99

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

