

Data File : VN055390.D
Acq On : 3 May 2019 15:22
Operator : JC/SP
Sample : VN0503WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0503WBSD01

Manual Integrations
APPROVED

MMDadoda
5/6/2019 10:47:26 AM

Quant Time: May 04 00:38:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	404096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	646533	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	552158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	203474	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	267047	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
35) Dibromofluoromethane	7.59	113	213950	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	10.09	98	762899	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.40	95	240775	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	93060	18.796	ug/l	98
3) Chloromethane	2.06	50	106306	17.340	ug/l	99
4) Vinyl Chloride	2.19	62	95026	19.229	ug/l	99
5) Bromomethane	2.57	94	51667	19.738	ug/l	98
6) Chloroethane	2.71	64	54388	20.316	ug/l	98
7) Trichlorofluoromethane	3.02	101	136257	19.390	ug/l	99
8) Diethyl Ether	3.41	74	51175	20.815	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.77	101	79988	19.115	ug/l	99
10) Methyl Iodide	3.96	142	110434	18.753	ug/l	98
11) Tert butyl alcohol	4.80	59	31330	103.513	ug/l #	73
12) 1,1-Dichloroethene	3.74	96	78433	19.649	ug/l	99
13) Acrolein	3.61	56	13140	55.591	ug/l	99
14) Allyl chloride	4.33	41	161706	19.559	ug/l	100
15) Acrylonitrile	4.99	53	175121	102.936	ug/l	98
16) Acetone	3.82	43	136412	82.814	ug/l	100
17) Carbon Disulfide	4.06	76	174111	16.713	ug/l	98
18) Methyl Acetate	4.33	43	87383	21.180	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	237751	21.186	ug/l	99
20) Methylene Chloride	4.56	84	93025	18.502	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	82759	19.576	ug/l	95
22) Diisopropyl ether	5.95	45	345307	21.021	ug/l	94
23) Vinyl Acetate	5.90	43	1112815	103.365	ug/l	100
24) 1,1-Dichloroethane	5.85	63	176170	20.129	ug/l	100
25) 2-Butanone	6.84	43	203450	96.579	ug/l	98
26) 2,2-Dichloropropane	6.82	77	110276	18.246	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	98781	20.547	ug/l	99
28) Bromochloromethane	7.20	49	88801	20.129	ug/l	98
29) Tetrahydrofuran	7.22	42	141168	104.655	ug/l	99
30) Chloroform	7.37	83	164776	19.860	ug/l	99
31) Cyclohexane	7.65	56	158052	19.007	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	132813	19.724	ug/l	99
36) 1,1-Dichloropropene	7.79	75	116046	18.739	ug/l	99
37) Ethyl Acetate	6.94	43	91825	19.347	ug/l	99
38) Carbon Tetrachloride	7.77	117	109302	18.297	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	124031	18.837	ug/l	96
40) Benzene	8.04	78	363063	19.887	ug/l	99
41) Methacrylonitrile	7.17	41	35493	14.353	ug/l #	67
42) 1,2-Dichloroethane	8.13	62	123627	19.120	ug/l	100
43) Isopropyl Acetate	8.17	43	160417	21.031	ug/l #	88
44) Trichloroethene	8.84	130	90368	19.417	ug/l	96
45) 1,2-Dichloropropane	9.12	63	101698	19.315	ug/l	95
46) Dibromomethane	9.21	93	55814	19.393	ug/l	99
47) Bromodichloromethane	9.40	83	122486	19.838	ug/l	100
48) Methyl methacrylate	9.20	41	72806	19.416	ug/l	96
49) 1,4-Dioxane	9.20	88	16974	437.905	ug/l	91
51) 4-Methyl-2-Pentanone	9.99	43	441212	102.741	ug/l	99
52) Toluene	10.16	92	208890	19.942	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	106858	19.937	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	133647	19.999	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	78415	20.160	ug/l	98
56) Ethyl methacrylate	10.43	69	100061	20.900	ug/l	98
57) 1,3-Dichloropropane	10.71	76	136262	19.969	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	97120	74.526	ug/l	98
59) 2-Hexanone	10.75	43	258369	96.157	ug/l	100
60) Dibromochloromethane	10.90	129	79032	19.880	ug/l	98
61) 1,2-Dibromoethane	11.01	107	70172	19.518	ug/l	96
64) Tetrachloroethene	10.63	164	90655	20.077	ug/l	99
65) Chlorobenzene	11.43	112	210335	19.484	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	83037	19.644	ug/l	98
67) Ethyl Benzene	11.51	91	380497	19.518	ug/l	100
68) m/p-Xylenes	11.62	106	274616	39.465	ug/l	99
69) o-Xylene	11.95	106	138170	20.034	ug/l	100
70) Styrene	11.96	104	218463	20.630	ug/l	99
71) Bromoform	12.13	173	44770	19.087	ug/l #	94
73) Isopropylbenzene	12.25	105	370881	21.079	ug/l	99
74) N-amyl acetate	12.07	43	99534	19.061	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	89179	20.227	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	88530m	21.998	ug/l	
77) Bromobenzene	12.53	156	87832	21.365	ug/l	97
78) n-propylbenzene	12.59	91	393763	18.839	ug/l	99
79) 2-Chlorotoluene	12.67	91	246305	20.780	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	303612	19.033	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	18338	17.079	ug/l #	83
82) 4-Chlorotoluene	12.77	91	231178	19.023	ug/l	99
83) tert-Butylbenzene	12.99	119	260547	21.412	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	288461	20.220	ug/l	100
85) sec-Butylbenzene	13.17	105	328534	18.949	ug/l	98
86) p-Isopropyltoluene	13.29	119	275410	19.327	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	132357	19.439	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	123566	19.271	ug/l	98
89) n-Butylbenzene	13.61	91	195488	19.305	ug/l	99
90) Hexachloroethane	13.88	117	45804	19.334	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	133937	19.847	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12021	22.456	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050319\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	39322	17.112	ug/l	99
94) Hexachlorobutadiene	15.01	225	46751	21.423	ug/l	95
95) Naphthalene	15.13	128	81205	16.731	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	44222	18.609	ug/l	99

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

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