

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081419\
 Data File : VN057281.D
 Acq On : 14 Aug 2019 12:31
 Operator : JC/SP
 Sample : VN0814WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD01

Manual Integrations
 APPROVED

MMdadoda
 8/19/2019 1:52:51 AM

Quant Time: Aug 23 06:42:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 22 09:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	911701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1356511	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1216158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	428330	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	454247	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
35) Dibromofluoromethane	7.58	113	403684	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
50) Toluene-d8	10.09	98	1497312	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
62) 4-Bromofluorobenzene	12.40	95	476941	44.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	153434	19.964	ug/l	96
3) Chloromethane	2.05	50	178009	20.430	ug/l	100
4) Vinyl Chloride	2.18	62	168812	19.946	ug/l	98
5) Bromomethane	2.55	94	127602	20.966	ug/l	99
6) Chloroethane	2.70	64	113918	20.470	ug/l	99
7) Trichlorofluoromethane	3.02	101	265093	19.907	ug/l	99
8) Diethyl Ether	3.40	74	99842	20.691	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	156081	19.520	ug/l	99
10) Methyl Iodide	3.95	142	246124	19.814	ug/l	98
11) Tert butyl alcohol	4.76	59	133246	107.583	ug/l #	84
12) 1,1-Dichloroethene	3.73	96	158874	20.026	ug/l	99
13) Acrolein	3.60	56	93347	105.345	ug/l	99
14) Allyl chloride	4.32	41	246815	20.508	ug/l	98
15) Acrylonitrile	4.97	53	375068	107.490	ug/l	99
16) Acetone	3.80	43	312072	98.973	ug/l	99
17) Carbon Disulfide	4.05	76	418012	19.276	ug/l	97
18) Methyl Acetate	4.31	43	191575	22.938	ug/l	99
19) Methyl tert-butyl Ether	5.03	73	488502	20.621	ug/l	99
20) Methylene Chloride	4.54	84	181541	19.710	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	168398	19.912	ug/l	97
22) Diisopropyl ether	5.94	45	503063	21.260	ug/l	97
23) Vinyl Acetate	5.88	43	2027412	108.123	ug/l	98
24) 1,1-Dichloroethane	5.84	63	298726	20.038	ug/l	99
25) 2-Butanone	6.82	43	473864	105.704	ug/l	99
26) 2,2-Dichloropropane	6.81	77	240593	19.670	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	195579	20.054	ug/l	98
28) Bromochloromethane	7.19	49	137851	20.955	ug/l	94
29) Tetrahydrofuran	7.20	42	314380	109.700	ug/l	98
30) Chloroform	7.36	83	311170	19.981	ug/l	99
31) Cyclohexane	7.65	56	267879	20.560	ug/l	96
32) 1,1,1-Trichloroethane	7.56	97	267929	20.340	ug/l	98
36) 1,1-Dichloropropene	7.79	75	229369	19.340	ug/l	99
37) Ethyl Acetate	6.91	43	194807	20.436	ug/l	99
38) Carbon Tetrachloride	7.77	117	237211	18.829	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	267398	19.043	ug/l	98
40) Benzene	8.03	78	711836	19.757	ug/l	98
41) Methacrylonitrile	7.16	41	90885m	22.764	ug/l	
42) 1,2-Dichloroethane	8.12	62	237362	20.559	ug/l	99
43) Isopropyl Acetate	8.16	43	358565	22.840	ug/l	95
44) Trichloroethene	8.83	130	199016	19.055	ug/l	96
45) 1,2-Dichloropropane	9.11	63	185784	20.354	ug/l	99
46) Dibromomethane	9.20	93	119738	19.456	ug/l	99
47) Bromodichloromethane	9.40	83	241895	20.387	ug/l	99
48) Methyl methacrylate	9.19	41	156268	21.512	ug/l	99
49) 1,4-Dioxane	9.19	88	68750	419.975	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	975587	105.829	ug/l	98
52) Toluene	10.15	92	446240	19.936	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	260321	20.511	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	287423	20.094	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	177283	20.263	ug/l	97
56) Ethyl methacrylate	10.43	69	248860	20.274	ug/l	97
57) 1,3-Dichloropropane	10.70	76	289937	20.086	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	303994	98.289	ug/l	99
59) 2-Hexanone	10.75	43	690103	105.509	ug/l	98
60) Dibromochloromethane	10.90	129	193789	19.751	ug/l	100
61) 1,2-Dibromoethane	11.00	107	183269	20.177	ug/l	99
64) Tetrachloroethene	10.63	164	201667	18.774	ug/l	98
65) Chlorobenzene	11.43	112	474679	19.074	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	184252	19.173	ug/l	100
67) Ethyl Benzene	11.51	91	829920	19.535	ug/l	100
68) m/p-Xylenes	11.62	106	618632	39.027	ug/l	98
69) o-Xylene	11.95	106	303637	19.564	ug/l	100
70) Styrene	11.96	104	467930	19.473	ug/l	98
71) Bromoform	12.12	173	142378	19.335	ug/l #	100
73) Isopropylbenzene	12.25	105	809499	22.923	ug/l	98
74) N-amyl acetate	12.07	43	242262	23.506	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	236410	24.303	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	190653m	23.607	ug/l	
77) Bromobenzene	12.53	156	209657	22.232	ug/l	99
78) n-propylbenzene	12.59	91	790550	21.327	ug/l	99
79) 2-Chlorotoluene	12.67	91	513463	22.408	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	652869	22.086	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	68749	21.559	ug/l	93
82) 4-Chlorotoluene	12.77	91	466743	19.980	ug/l	98
83) tert-Butylbenzene	12.99	119	587367	22.094	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	606222	20.098	ug/l	99
85) sec-Butylbenzene	13.17	105	690738	21.044	ug/l	99
86) p-Isopropyltoluene	13.29	119	594950	18.889	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	286732	19.324	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	265983	18.429	ug/l	98
89) n-Butylbenzene	13.62	91	441960	20.005	ug/l	99
90) Hexachloroethane	13.88	117	120947	22.074	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	280841	19.412	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29083	20.327	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	69625	14.793	ug/l	98
94) Hexachlorobutadiene	15.01	225	122937	19.862	ug/l	98
95) Naphthalene	15.13	128	132936	18.015	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	68526	16.620	ug/l	100

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

