

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081819\
 Data File : VN057362.D
 Acq On : 16 Aug 2019 18:46
 Operator : JC/SP
 Sample : VN0818WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0818WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/19/2019 12:19:27 PM

Quant Time: Aug 19 09:15:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	913608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1346356	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1201112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	391017	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	470672	47.39	ug/l	0.00
Spiked Amount			Recovery	=	94.78%	
35) Dibromofluoromethane	7.58	113	432983	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	
50) Toluene-d8	10.08	98	1620922	50.21	ug/l	0.00
Spiked Amount			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.40	95	492793	43.20	ug/l	0.00
Spiked Amount			Recovery	=	86.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	140293	17.845	ug/l	94
3) Chloromethane	2.06	50	168578	18.167	ug/l	99
4) Vinyl Chloride	2.18	62	156843	17.966	ug/l	99
5) Bromomethane	2.54	94	128615m	20.668	ug/l	
6) Chloroethane	2.69	64	110283	18.365	ug/l	98
7) Trichlorofluoromethane	3.02	101	255607	18.666	ug/l	100
8) Diethyl Ether	3.40	74	98380	19.088	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	153445	19.073	ug/l	99
10) Methyl Iodide	3.95	142	250393	19.471	ug/l	98
11) Tert butyl alcohol	4.76	59	128440	90.965	ug/l #	84
12) 1,1-Dichloroethene	3.73	96	152245	18.993	ug/l	97
13) Acrolein	3.60	56	55384	64.614	ug/l	97
14) Allyl chloride	4.32	41	233537	18.175	ug/l	99
15) Acrylonitrile	4.97	53	363758	94.893	ug/l	99
16) Acetone	3.81	43	273707	79.442	ug/l	96
17) Carbon Disulfide	4.05	76	389364	18.030	ug/l	99
18) Methyl Acetate	4.31	43	178985	17.888	ug/l	98
19) Methyl tert-butyl Ether	5.03	73	483248	19.213	ug/l	99
20) Methylene Chloride	4.54	84	179606	18.632	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	162699	18.874	ug/l	90
22) Diisopropyl ether	5.94	45	481888	18.985	ug/l	98
23) Vinyl Acetate	5.88	43	1897984	92.910	ug/l	99
24) 1,1-Dichloroethane	5.84	63	293402	18.788	ug/l	100
25) 2-Butanone	6.82	43	441215	88.433	ug/l	94
26) 2,2-Dichloropropane	6.82	77	227171	18.000	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	195155	19.123	ug/l	97
28) Bromochloromethane	7.18	49	132024	19.028	ug/l #	97
29) Tetrahydrofuran	7.20	42	289237	91.605	ug/l	97
30) Chloroform	7.36	83	307963	18.818	ug/l	99
31) Cyclohexane	7.64	56	248480	18.361	ug/l	96
32) 1,1,1-Trichloroethane	7.56	97	266035	19.327	ug/l	98
36) 1,1-Dichloropropene	7.78	75	216832	18.240	ug/l	99
37) Ethyl Acetate	6.91	43	188477	19.358	ug/l	98
38) Carbon Tetrachloride	7.77	117	232934	18.859	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	253990	18.298	ug/l	98
40) Benzene	8.03	78	686707	18.887	ug/l	99
41) Methacrylonitrile	7.17	41	107848m	24.597	ug/l	
42) 1,2-Dichloroethane	8.12	62	227026	18.866	ug/l	99
43) Isopropyl Acetate	8.16	43	313487	16.858	ug/l	96
44) Trichloroethene	8.83	130	198165	19.386	ug/l	98
45) 1,2-Dichloropropane	9.11	63	179888	19.194	ug/l	99
46) Dibromomethane	9.20	93	117032	18.718	ug/l	96
47) Bromodichloromethane	9.40	83	235848	19.039	ug/l	99
48) Methyl methacrylate	9.19	41	147086	18.345	ug/l	97
49) 1,4-Dioxane	9.19	88	64633	383.334	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	931610	92.749	ug/l	98
52) Toluene	10.15	92	443467	19.596	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	254446	18.989	ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	280696	18.997	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	175224	19.690	ug/l	97
56) Ethyl methacrylate	10.43	69	249587	19.219	ug/l	97
57) 1,3-Dichloropropane	10.70	76	287855	19.363	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	264918	80.834	ug/l	100
59) 2-Hexanone	10.75	43	654084	90.578	ug/l	99
60) Dibromochloromethane	10.90	129	196921	19.746	ug/l	98
61) 1,2-Dibromoethane	11.00	107	184521	19.465	ug/l	98
64) Tetrachloroethene	10.63	164	202630	19.515	ug/l	97
65) Chlorobenzene	11.43	112	480811	19.627	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	184892	19.708	ug/l	97
67) Ethyl Benzene	11.51	91	826650	19.288	ug/l	100
68) m/p-Xylenes	11.62	106	602180	38.135	ug/l	99
69) o-Xylene	11.95	106	296242	19.107	ug/l	100
70) Styrene	11.96	104	465003	18.815	ug/l	99
71) Bromoform	12.13	173	144441	19.515	ug/l #	100
73) Isopropylbenzene	12.25	105	793507	23.740	ug/l	98
74) N-amyl acetate	12.07	43	231422	20.396	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	224384	23.440	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	202436m	25.376	ug/l	
77) Bromobenzene	12.53	156	207837	23.661	ug/l	97
78) n-propylbenzene	12.59	91	762086	20.239	ug/l	99
79) 2-Chlorotoluene	12.67	91	501600	23.095	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	641178	23.124	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	68941	21.499	ug/l	98
82) 4-Chlorotoluene	12.77	91	438314	19.644	ug/l	98
83) tert-Butylbenzene	12.99	119	591380	24.005	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	609963	21.658	ug/l	100
85) sec-Butylbenzene	13.17	105	684305	22.295	ug/l	100
86) p-Isopropyltoluene	13.29	119	593898	20.597	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	275262	20.092	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	252375	19.406	ug/l	99
89) n-Butylbenzene	13.62	91	467393	22.737	ug/l	99
90) Hexachloroethane	13.88	117	122473	23.751	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	263076	20.599	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25499	18.287	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	62447	16.273	ug/l	99
94) Hexachlorobutadiene	15.01	225	122054	22.435	ug/l	99
95) Naphthalene	15.13	128	136050	21.388	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	66055	21.144	ug/l	99

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

