

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112719\
 Data File : VN059434.D
 Acq On : 27 Nov 2019 20:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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apatel
 12/2/2019 10:09:19 AM

Quant Time: Nov 29 08:27:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 16:56:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	334131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	531010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	475710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	230325	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	192778	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
35) Dibromofluoromethane	7.57	113	157515	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	
50) Toluene-d8	10.08	98	621457	48.22	ug/l	0.00
Spiked Amount			Recovery	=	96.44%	
62) 4-Bromofluorobenzene	12.40	95	222235	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	212724	54.092	ug/l	100
3) Chloromethane	2.04	50	253717	52.817	ug/l	99
4) Vinyl Chloride	2.17	62	241989	52.422	ug/l	100
5) Bromomethane	2.54	94	137867	49.604	ug/l	100
6) Chloroethane	2.68	64	135297	52.274	ug/l	97
7) Trichlorofluoromethane	3.00	101	285349	51.897	ug/l	97
8) Diethyl Ether	3.39	74	115941	51.812	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	174306	51.473	ug/l	99
10) Methyl Iodide	3.93	142	238242	54.051	ug/l	99
11) Tert butyl alcohol	4.75	59	187214	276.110	ug/l #	84
12) 1,1-Dichloroethene	3.72	96	175353	52.875	ug/l	99
13) Acrolein	3.58	56	171847	259.633	ug/l	99
14) Allyl chloride	4.29	41	315899	51.360	ug/l	98
15) Acrylonitrile	4.95	53	523623	277.141	ug/l	99
16) Acetone	3.79	43	432812	232.117	ug/l	99
17) Carbon Disulfide	4.03	76	550457	48.368	ug/l	100
18) Methyl Acetate	4.30	43	262192	51.635	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	569369	53.278	ug/l	99
20) Methylene Chloride	4.53	84	195721	51.658	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	185185	51.252	ug/l	98
22) Diisopropyl ether	5.92	45	609749	53.346	ug/l	98
23) Vinyl Acetate	5.87	43	2612915	283.358	ug/l	99
24) 1,1-Dichloroethane	5.82	63	346294	52.657	ug/l	99
25) 2-Butanone	6.81	43	683618	266.502	ug/l	100
26) 2,2-Dichloropropane	6.80	77	283126	50.589	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	209212	52.942	ug/l	99
28) Bromochloromethane	7.18	49	133291	47.438	ug/l	97
29) Tetrahydrofuran	7.19	42	473290	277.422	ug/l	99
30) Chloroform	7.35	83	326360	49.316	ug/l	99
31) Cyclohexane	7.63	56	331565	50.293	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	285666	52.785	ug/l	100
36) 1,1-Dichloropropene	7.77	75	261983	51.305	ug/l	100
37) Ethyl Acetate	6.91	43	283191	52.417	ug/l	100
38) Carbon Tetrachloride	7.75	117	254124	52.732	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	319879	52.361	ug/l	100
40) Benzene	8.02	78	778077	51.318	ug/l	99
41) Methacrylonitrile	7.15	41	109622	43.575	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	252063	52.429	ug/l	100
43) Isopropyl Acetate	8.15	43	444487	54.156	ug/l	99
44) Trichloroethene	8.82	130	197664	51.129	ug/l	100
45) 1,2-Dichloropropane	9.11	63	205968	51.935	ug/l	98
46) Dibromomethane	9.20	93	127863	52.245	ug/l	99
47) Bromodichloromethane	9.39	83	256190	51.756	ug/l	98
48) Methyl methacrylate	9.19	41	197718	54.298	ug/l	99
49) 1,4-Dioxane	9.19	88	63981	1203.064	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1355571	284.742	ug/l	100
52) Toluene	10.15	92	470238	51.914	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	298147	52.419	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	324761	52.893	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	184956	52.168	ug/l	98
56) Ethyl methacrylate	10.42	69	291409	57.484	ug/l	99
57) 1,3-Dichloropropane	10.70	76	320678	52.332	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	561235	369.452	ug/l	100
59) 2-Hexanone	10.75	43	1000150	283.316	ug/l	100
60) Dibromochloromethane	10.90	129	202484	54.713	ug/l	98
61) 1,2-Dibromoethane	11.00	107	193092	53.148	ug/l	99
64) Tetrachloroethene	10.63	164	175178	49.786	ug/l	98
65) Chlorobenzene	11.43	112	490482	50.930	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	184613	52.861	ug/l	99
67) Ethyl Benzene	11.51	91	896921	53.023	ug/l	100
68) m/p-Xylenes	11.62	106	671630	106.344	ug/l	100
69) o-Xylene	11.95	106	319184	52.697	ug/l	98
70) Styrene	11.96	104	528046	57.294	ug/l	99
71) Bromoform	12.13	173	144645	54.393	ug/l #	98
73) Isopropylbenzene	12.25	105	862229	50.533	ug/l	99
74) N-amyl acetate	12.07	43	357923	58.315	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	279991	50.319	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	259160m	49.737	ug/l	
77) Bromobenzene	12.53	156	207924	49.773	ug/l	98
78) n-propylbenzene	12.59	91	1008144	51.272	ug/l	100
79) 2-Chlorotoluene	12.68	91	594109	50.539	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	737432	51.415	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	103507	51.042	ug/l	98
82) 4-Chlorotoluene	12.78	91	609212	50.369	ug/l	100
83) tert-Butylbenzene	13.00	119	636546	51.686	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	732457	52.131	ug/l	99
85) sec-Butylbenzene	13.17	105	842502	51.514	ug/l	100
86) p-Isopropyltoluene	13.29	119	766027	51.810	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	373296	50.422	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	367756	49.479	ug/l	99
89) n-Butylbenzene	13.62	91	657668	50.884	ug/l	99
90) Hexachloroethane	13.88	117	139699	49.434	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	363431	50.099	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	58035	59.608	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	219415	48.658	ug/l	99
94) Hexachlorobutadiene	15.01	225	129398	46.824	ug/l	100
95) Naphthalene	15.13	128	596455	57.843	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	220035	56.541	ug/l	100

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

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