

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112619\
 Data File : VN059399.D
 Acq On : 26 Nov 2019 11:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 11/27/2019 10:29:10 AM

Quant Time: Nov 26 13:51:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	405784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	627961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	560304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	267233	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	242759	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
35) Dibromofluoromethane	7.57	113	201886	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	
50) Toluene-d8	10.08	98	793572	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
62) 4-Bromofluorobenzene	12.40	95	286515	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	199533	38.409	ug/l	100
3) Chloromethane	2.04	50	241691	37.977	ug/l	100
4) Vinyl Chloride	2.17	62	264964	40.438	ug/l	99
5) Bromomethane	2.55	94	144835	39.815	ug/l	97
6) Chloroethane	2.68	64	136952	38.297	ug/l	99
7) Trichlorofluoromethane	3.00	101	272014	38.551	ug/l	99
8) Diethyl Ether	3.38	74	121704	42.191	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	181038	41.960	ug/l	100
10) Methyl Iodide	3.93	142	240901	44.926	ug/l	99
11) Tert butyl alcohol	4.75	59	179176	183.810	ug/l	100
12) 1,1-Dichloroethene	3.71	96	177558	40.543	ug/l	94
13) Acrolein	3.58	56	119725	134.548	ug/l	100
14) Allyl chloride	4.29	41	328419	40.142	ug/l	98
15) Acrylonitrile	4.95	53	507459	196.891	ug/l	100
16) Acetone	3.79	43	553871	253.714	ug/l	99
17) Carbon Disulfide	4.03	76	536085	39.088	ug/l	100
18) Methyl Acetate	4.29	43	288643	39.841	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	595354	42.088	ug/l	99
20) Methylene Chloride	4.52	84	198957	40.409	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	190804	41.108	ug/l	99
22) Diisopropyl ether	5.92	45	634992	41.222	ug/l	98
23) Vinyl Acetate	5.86	43	2513184	207.470	ug/l	99
24) 1,1-Dichloroethane	5.82	63	361122	41.649	ug/l	99
25) 2-Butanone	6.81	43	716607	211.100	ug/l	98
26) 2,2-Dichloropropane	6.80	77	309594	41.236	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	217530	41.538	ug/l	98
28) Bromochloromethane	7.17	49	159074	45.273	ug/l	95
29) Tetrahydrofuran	7.18	42	445114	189.631	ug/l	99
30) Chloroform	7.35	83	345568	41.047	ug/l	98
31) Cyclohexane	7.63	56	331940	38.719	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	296721	41.044	ug/l	99
36) 1,1-Dichloropropene	7.77	75	271610	41.898	ug/l	99
37) Ethyl Acetate	6.90	43	274038	39.332	ug/l	99
38) Carbon Tetrachloride	7.75	117	261599	42.152	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	329271	42.121	ug/l	99
40) Benzene	8.02	78	815713	42.872	ug/l	100
41) Methacrylonitrile	7.15	41	124095m	40.122	ug/l	
42) 1,2-Dichloroethane	8.10	62	260462	41.391	ug/l	100
43) Isopropyl Acetate	8.14	43	438904	41.220	ug/l	99
44) Trichloroethene	8.82	130	206665	42.858	ug/l	96
45) 1,2-Dichloropropane	9.10	63	218219	43.010	ug/l	99
46) Dibromomethane	9.19	93	132931	42.715	ug/l	99
47) Bromodichloromethane	9.39	83	271407	43.546	ug/l	99
48) Methyl methacrylate	9.18	41	195638	40.404	ug/l	96
49) 1,4-Dioxane	9.19	88	57482	789.888	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	1326994	212.918	ug/l	99
52) Toluene	10.15	92	490272	42.853	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	314740	43.441	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	345088	43.894	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	193190	43.431	ug/l	99
56) Ethyl methacrylate	10.42	69	298690	40.208	ug/l	97
57) 1,3-Dichloropropane	10.70	76	335130	43.227	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	244369	103.327	ug/l	99
59) 2-Hexanone	10.74	43	1003324	219.851	ug/l	98
60) Dibromochloromethane	10.90	129	210321	44.869	ug/l	100
61) 1,2-Dibromoethane	11.00	107	199066	43.010	ug/l	100
64) Tetrachloroethene	10.63	164	184120	42.488	ug/l	99
65) Chlorobenzene	11.43	112	516592	42.879	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	193433	44.195	ug/l	100
67) Ethyl Benzene	11.51	91	935068	43.469	ug/l	99
68) m/p-Xylenes	11.62	106	704700	88.163	ug/l	100
69) o-Xylene	11.95	106	333944	43.640	ug/l	98
70) Styrene	11.96	104	548675	45.441	ug/l	100
71) Bromoform	12.13	173	149487	45.099	ug/l #	99
73) Isopropylbenzene	12.25	105	905875	41.380	ug/l	99
74) N-amyl acetate	12.07	43	355583	40.417	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	284809	39.329	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	274301m	44.430	ug/l	
77) Bromobenzene	12.53	156	218526	41.155	ug/l	97
78) n-propylbenzene	12.59	91	1057937	42.663	ug/l	100
79) 2-Chlorotoluene	12.67	91	617599	40.577	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	763449	41.486	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	103674	42.001	ug/l	97
82) 4-Chlorotoluene	12.77	91	641213	40.710	ug/l	99
83) tert-Butylbenzene	12.99	119	655642	42.184	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	761160	42.224	ug/l	100
85) sec-Butylbenzene	13.17	105	883079	42.274	ug/l	100
86) p-Isopropyltoluene	13.29	119	803807	43.242	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	391735	41.428	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	387793	41.450	ug/l	99
89) n-Butylbenzene	13.62	91	705679	43.275	ug/l	99
90) Hexachloroethane	13.88	117	144296	40.988	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	378004	41.318	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	54183	35.193	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	237450	42.216	ug/l	100
94) Hexachlorobutadiene	15.01	225	135403	41.080	ug/l	99
95) Naphthalene	15.13	128	612660	39.590	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	233392	42.102	ug/l	99

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

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