

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103119\
 Data File : VN059047.D
 Acq On : 31 Oct 2019 18:12
 Operator : JC/SP
 Sample : K5626-09MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS003MW331-191030MSD

Manual Integrations
 APPROVED

MMDadoda
 11/4/2019 7:04:15 AM

Quant Time: Nov 01 03:34:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	370524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	582225	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	545894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	267698	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	255051	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
35) Dibromofluoromethane	7.57	113	196720	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
50) Toluene-d8	10.08	98	739920	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.41	95	281135	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	203560	44.064	ug/l	100
3) Chloromethane	2.04	50	264754	46.273	ug/l	99
4) Vinyl Chloride	2.17	62	274775	48.368	ug/l	99
5) Bromomethane	2.53	94	130800	36.768	ug/l	98
6) Chloroethane	2.68	64	162878	44.709	ug/l	99
7) Trichlorofluoromethane	2.99	101	333427	47.435	ug/l	99
8) Diethyl Ether	3.39	74	132912	54.717	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	195811	50.249	ug/l	98
10) Methyl Iodide	3.93	142	189073	36.891	ug/l	98
11) Tert butyl alcohol	4.76	59	250497	277.774	ug/l	98
12) 1,1-Dichloroethene	3.71	96	184606	50.540	ug/l	97
13) Acrolein	3.58	56	118909	191.902	ug/l	100
14) Allyl chloride	4.30	41	384655	52.042	ug/l	95
15) Acrylonitrile	4.96	53	666097	293.642	ug/l	99
16) Acetone	3.79	43	559523	208.364	ug/l	97
17) Carbon Disulfide	4.03	76	507365	43.120	ug/l	98
18) Methyl Acetate	4.30	43	357416	58.544	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	718991	56.215	ug/l	99
20) Methylene Chloride	4.53	84	228392	49.810	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	200578	49.724	ug/l	98
22) Diisopropyl ether	5.93	45	816245	56.459	ug/l	96
23) Vinyl Acetate	5.87	43	3344861	287.971	ug/l	99
24) 1,1-Dichloroethane	5.82	63	429523	51.238	ug/l	99
25) 2-Butanone	6.81	43	910287	261.140	ug/l	99
26) 2,2-Dichloropropane	6.80	77	349418	48.189	ug/l	97
27) cis-1,2-Dichloroethene	6.81	96	246476	53.488	ug/l	95
28) Bromochloromethane	7.17	49	145738	52.201	ug/l	96
29) Tetrahydrofuran	7.19	42	616630	289.172	ug/l	99
30) Chloroform	7.35	83	420464	50.002	ug/l	99
31) Cyclohexane	7.63	56	363994	46.608	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	358883	50.634	ug/l	99
36) 1,1-Dichloropropene	7.77	75	304596	51.100	ug/l	99
37) Ethyl Acetate	6.91	43	367022	56.509	ug/l	99
38) Carbon Tetrachloride	7.75	117	310059	50.492	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	344025	51.400	ug/l	100
40) Benzene	8.02	78	944680	53.970	ug/l	99
41) Methacrylonitrile	7.15	41	169797	58.698	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	340131	50.445	ug/l	99
43) Isopropyl Acetate	8.15	43	595479	57.167	ug/l	100
44) Trichloroethene	8.82	130	220386	51.687	ug/l	98
45) 1,2-Dichloropropane	9.11	63	263506	54.900	ug/l	99
46) Dibromomethane	9.20	93	162537	53.566	ug/l	97
47) Bromodichloromethane	9.39	83	341284	54.572	ug/l	100
48) Methyl methacrylate	9.19	41	276827	58.575	ug/l	95
49) 1,4-Dioxane	9.19	88	96187	1239.833	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1911669	314.202	ug/l	98
52) Toluene	10.15	92	574165	55.315	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	381695	55.133	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	398712	53.905	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	236331	55.268	ug/l	98
56) Ethyl methacrylate	10.43	69	383330	53.226	ug/l	95
57) 1,3-Dichloropropane	10.71	76	413806	55.138	ug/l	98
59) 2-Hexanone	10.75	43	1431650	304.511	ug/l	97
60) Dibromochloromethane	10.90	129	258886	56.248	ug/l	99
61) 1,2-Dibromoethane	11.00	107	241760	55.246	ug/l	99
64) Tetrachloroethene	10.63	164	186317	48.735	ug/l	96
65) Chlorobenzene	11.43	112	615204	55.356	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	233213	55.609	ug/l	100
67) Ethyl Benzene	11.51	91	1106207	56.740	ug/l	98
68) m/p-Xylenes	11.62	106	823260	113.867	ug/l	100
69) o-Xylene	11.95	106	392153	56.871	ug/l	100
70) Styrene	11.97	104	668465	52.432	ug/l	98
71) Bromoform	12.13	173	190949	58.716	ug/l #	99
73) Isopropylbenzene	12.25	105	1077229	55.063	ug/l	99
74) N-amyl acetate	12.07	43	514745	58.037	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	389783	56.663	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	349915m	56.400	ug/l	
77) Bromobenzene	12.53	156	261630	54.256	ug/l	98
78) n-propylbenzene	12.60	91	1284115	55.529	ug/l	100
79) 2-Chlorotoluene	12.68	91	764035	53.982	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	926927	56.392	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	131558	55.240	ug/l	97
82) 4-Chlorotoluene	12.78	91	781812	54.053	ug/l	99
83) tert-Butylbenzene	13.00	119	780407	55.522	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	915371	56.460	ug/l	99
85) sec-Butylbenzene	13.18	105	1053063	56.193	ug/l	98
86) p-Isopropyltoluene	13.30	119	942210	56.982	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	473680	54.937	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	473447	54.844	ug/l	99
89) n-Butylbenzene	13.62	91	832447	54.804	ug/l	99
90) Hexachloroethane	13.88	117	179446	53.556	ug/l	96
91) 1,2-Dichlorobenzene	13.66	146	496981	58.643	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	82713	53.161	ug/l	94
93) 1,2,4-Trichlorobenzene	14.92	180	272931	51.101	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.02	225	147445	53.679	ug/l	98
95) Naphthalene	15.13	128	795252	51.781	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	278387	53.428	ug/l	100

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

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