

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103119\
 Data File : VN059046.D
 Acq On : 31 Oct 2019 17:50
 Operator : JC/SP
 Sample : K5626-08MS
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS003MW331-191030MS

Manual Integrations
 APPROVED

MMDadoda
 11/4/2019 7:04:12 AM

Quant Time: Nov 01 03:27:23 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	383719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	602774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	568328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	281676	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	276206	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
35) Dibromofluoromethane	7.57	113	211776	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
50) Toluene-d8	10.08	98	787760	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.41	95	302314	53.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	198934	41.581	ug/l	100
3) Chloromethane	2.04	50	252378	42.593	ug/l	99
4) Vinyl Chloride	2.17	62	264574	44.971	ug/l	98
5) Bromomethane	2.53	94	105674	28.683	ug/l	97
6) Chloroethane	2.68	64	164319	43.553	ug/l	99
7) Trichlorofluoromethane	2.99	101	335785	46.127	ug/l	98
8) Diethyl Ether	3.39	74	129149	51.339	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	194351	48.159	ug/l	98
10) Methyl Iodide	3.93	142	183632	34.597	ug/l	98
11) Tert butyl alcohol	4.76	59	240254	257.254	ug/l	99
12) 1,1-Dichloroethene	3.71	96	180596	47.742	ug/l	98
13) Acrolein	3.58	56	119273	185.871	ug/l	96
14) Allyl chloride	4.30	41	378155	49.403	ug/l	96
15) Acrylonitrile	4.96	53	657025	279.683	ug/l	99
16) Acetone	3.79	43	558446	200.812	ug/l	98
17) Carbon Disulfide	4.03	76	491730	40.354	ug/l	100
18) Methyl Acetate	4.30	43	351549	55.603	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	705926	53.295	ug/l	98
20) Methylene Chloride	4.53	84	224685	47.317	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	199878	47.846	ug/l	97
22) Diisopropyl ether	5.93	45	799230	53.381	ug/l	96
23) Vinyl Acetate	5.87	43	3333787	277.148	ug/l	99
24) 1,1-Dichloroethane	5.82	63	427960	49.296	ug/l	99
25) 2-Butanone	6.81	43	892268	247.168	ug/l	99
26) 2,2-Dichloropropane	6.80	77	350456	46.670	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	239813	50.252	ug/l	98
28) Bromochloromethane	7.18	49	142278	49.210	ug/l	99
29) Tetrahydrofuran	7.19	42	600177	271.778	ug/l	99
30) Chloroform	7.35	83	418586	48.067	ug/l	100
31) Cyclohexane	7.63	56	357067	44.149	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	356876	48.619	ug/l	98
36) 1,1-Dichloropropene	7.77	75	302996	49.099	ug/l	99
37) Ethyl Acetate	6.91	43	368649	54.824	ug/l	98
38) Carbon Tetrachloride	7.75	117	308177	48.475	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	335010	48.347	ug/l	100
40) Benzene	8.02	78	921283	50.839	ug/l	99
41) Methacrylonitrile	7.15	41	149566m	49.942	ug/l	
42) 1,2-Dichloroethane	8.11	62	340928	48.839	ug/l	99
43) Isopropyl Acetate	8.15	43	587864	54.512	ug/l	100
44) Trichloroethene	8.82	130	216703	49.091	ug/l	98
45) 1,2-Dichloropropane	9.11	63	261686	52.662	ug/l	99
46) Dibromomethane	9.20	93	160879	51.213	ug/l	97
47) Bromodichloromethane	9.39	83	336336	51.947	ug/l	100
48) Methyl methacrylate	9.19	41	273193	55.836	ug/l	96
49) 1,4-Dioxane	9.19	88	89907	1119.378	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1879615	298.402	ug/l	98
52) Toluene	10.15	92	568863	52.936	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	381279	53.195	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	392738	51.287	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	234201	52.903	ug/l	98
56) Ethyl methacrylate	10.43	69	377101	50.681	ug/l	96
57) 1,3-Dichloropropane	10.71	76	410719	52.861	ug/l	100
59) 2-Hexanone	10.75	43	1417246	291.171	ug/l	97
60) Dibromochloromethane	10.90	129	262342	55.056	ug/l	99
61) 1,2-Dibromoethane	11.00	107	243241	53.690	ug/l	100
64) Tetrachloroethene	10.63	164	181743	45.662	ug/l	98
65) Chlorobenzene	11.43	112	622477	53.799	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	232902	53.342	ug/l	99
67) Ethyl Benzene	11.51	91	1106863	54.533	ug/l	98
68) m/p-Xylenes	11.62	106	821719	109.168	ug/l	99
69) o-Xylene	11.95	106	393997	54.883	ug/l	98
70) Styrene	11.97	104	659599	49.784	ug/l	100
71) Bromoform	12.13	173	193584	57.177	ug/l #	97
73) Isopropylbenzene	12.25	105	1068735	51.918	ug/l	99
74) N-amyl acetate	12.07	43	518065	55.512	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	387790	53.575	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	346193m	53.031	ug/l	
77) Bromobenzene	12.53	156	263238	51.881	ug/l	96
78) n-propylbenzene	12.60	91	1276511	52.461	ug/l	100
79) 2-Chlorotoluene	12.68	91	761229	51.115	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	918042	53.080	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	132062	52.700	ug/l	96
82) 4-Chlorotoluene	12.78	91	783702	51.495	ug/l	99
83) tert-Butylbenzene	13.00	119	777931	52.599	ug/l	98
84) 1,2,4-Trimethylbenzene	13.05	105	917290	53.771	ug/l	99
85) sec-Butylbenzene	13.18	105	1048286	53.162	ug/l	98
86) p-Isopropyltoluene	13.30	119	943125	54.207	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	471683	51.990	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	482614	53.132	ug/l	99
89) n-Butylbenzene	13.62	91	832911	52.113	ug/l	100
90) Hexachloroethane	13.88	117	178940	50.755	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	553894	62.116	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	81039	49.500	ug/l	92
93) 1,2,4-Trichlorobenzene	14.92	180	265932	47.506	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.02	225	143031	49.488	ug/l	99
95) Naphthalene	15.13	128	773030	48.006	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	272427	49.857	ug/l	99

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

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