

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063957.D
 Acq On : 7 Oct 2020 20:55
 Operator : JC/MD
 Sample : L4293-05MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-6-MW-2MSD

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 10:09:18 AM

Quant Time: Oct 08 06:21:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	280013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	466533	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	435545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	215284	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	230728	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	7.55	113	163344	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	10.06	98	594659	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
62) 4-Bromofluorobenzene	12.38	95	224378	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	131511	44.510	ug/l	99
3) Chloromethane	2.04	50	155936	44.980	ug/l	97
4) Vinyl Chloride	2.16	62	161209	46.325	ug/l	98
5) Bromomethane	2.53	94	86709	39.613	ug/l	97
6) Chloroethane	2.67	64	106803	51.361	ug/l	99
7) Trichlorofluoromethane	2.99	101	265529	48.110	ug/l	96
8) Diethyl Ether	3.38	74	92989	49.818	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	137573	46.636	ug/l	98
10) Methyl Iodide	3.91	142	148031	43.218	ug/l	100
11) Tert butyl alcohol	4.73	59	127443	249.533	ug/l	100
12) 1,1-Dichloroethene	3.70	96	135267	47.972	ug/l	98
13) Acrolein	3.57	56	63815	203.586	ug/l	96
14) Allyl chloride	4.28	41	269828	51.510	ug/l	94
15) Acrylonitrile	4.93	53	388920	266.033	ug/l	99
16) Acetone	3.78	43	361478	253.841	ug/l	98
17) Carbon Disulfide	4.01	76	355105	46.643	ug/l	97
18) Methyl Acetate	4.28	43	186828	50.530	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	532018	51.934	ug/l	100
20) Methylene Chloride	4.51	84	165573	50.761	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	150593	47.682	ug/l	97
22) Diisopropyl ether	5.90	45	597902	55.476	ug/l	97
23) Vinyl Acetate	5.85	43	2205776	247.068	ug/l	99
24) 1,1-Dichloroethane	5.80	63	311126	50.488	ug/l	99
25) 2-Butanone	6.78	43	551013	272.923	ug/l	100
26) 2,2-Dichloropropane	6.78	77	217806	38.595	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	177373	48.831	ug/l	98
28) Bromochloromethane	7.15	49	154072	50.586	ug/l	99
29) Tetrahydrofuran	7.17	42	370421	273.558	ug/l	97
30) Chloroform	7.33	83	330404	51.422	ug/l	95
31) Cyclohexane	7.61	56	254230	47.338	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	295856	51.049	ug/l	98
36) 1,1-Dichloropropene	7.76	75	231506	48.981	ug/l	99
37) Ethyl Acetate	6.88	43	220192	46.891	ug/l	99
38) Carbon Tetrachloride	7.74	117	255692	48.244	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	210615	44.685	ug/l	98
40) Benzene	8.00	78	663708	49.164	ug/l	99
41) Methacrylonitrile	7.13	41	93402m	44.754	ug/l	
42) 1,2-Dichloroethane	8.09	62	283092	49.126	ug/l	100
43) Isopropyl Acetate	8.13	43	387662	50.050	ug/l #	90
44) Trichloroethene	8.80	130	167857	47.455	ug/l	96
45) 1,2-Dichloropropane	9.08	63	183883	50.436	ug/l	100
46) Dibromomethane	9.17	93	124174	49.371	ug/l	99
47) Bromodichloromethane	9.37	83	262880	50.715	ug/l	99
48) Methyl methacrylate	9.17	41	208214	54.410	ug/l	93
49) 1,4-Dioxane	9.16	88	51194	941.298	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1241368	273.104	ug/l	100
52) Toluene	10.13	92	425023	50.900	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	275101	49.511	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	275554	47.419	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	171495	51.213	ug/l	97
56) Ethyl methacrylate	10.40	69	258357	54.430	ug/l	96
57) 1,3-Dichloropropane	10.68	76	289477	51.095	ug/l	98
59) 2-Hexanone	10.72	43	900362	266.647	ug/l	99
60) Dibromochloromethane	10.87	129	198543	50.911	ug/l	100
61) 1,2-Dibromoethane	10.98	107	176639	51.566	ug/l	99
64) Tetrachloroethene	10.60	164	149831	44.465	ug/l	97
65) Chlorobenzene	11.41	112	445878	49.906	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	175048	51.106	ug/l	99
67) Ethyl Benzene	11.49	91	829673	51.034	ug/l	99
68) m/p-Xylenes	11.59	106	612631	101.110	ug/l	99
69) o-Xylene	11.92	106	298376	52.687	ug/l	98
70) Stvrene	11.94	104	508930	52.941	ug/l	98
71) Bromoform	12.10	173	137761	52.588	ug/l #	97
73) Isopropylbenzene	12.23	105	788813	50.234	ug/l	100
74) N-amyl acetate	12.05	43	333806	45.926	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	245487	51.125	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	228529m	48.155	ug/l	
77) Bromobenzene	12.50	156	195403	50.714	ug/l	100
78) n-propylbenzene	12.57	91	888558	48.622	ug/l	100
79) 2-Chlorotoluene	12.65	91	554765	49.360	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	657823	49.935	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	77743	47.182	ug/l	97
82) 4-Chlorotoluene	12.75	91	577691	49.512	ug/l	99
83) tert-Butylbenzene	12.97	119	532930	49.456	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	663625	50.455	ug/l	97
85) sec-Butylbenzene	13.15	105	694929	49.100	ug/l	100
86) p-Isopropyltoluene	13.26	119	636960	50.872	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	342773	49.174	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	347615	47.895	ug/l	98
89) n-Butylbenzene	13.59	91	524880	45.419	ug/l	99
90) Hexachloroethane	13.85	117	118159	48.700	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	346736	50.221	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	54071	48.016	ug/l	93
93) 1,2,4-Trichlorobenzene	14.88	180	172034	45.968	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	93389	49.888	ug/l	99
95) Naphthalene	15.11	128	634776	54.467	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	170572	46.943	ug/l	100

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

