

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN064009.D
 Acq On : 9 Oct 2020 00:28
 Operator : JC/MD
 Sample : VN1008WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/9/2020 4:53:06 PM

Quant Time: Oct 09 07:04:27 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	269082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	455642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	422354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	189817	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	218272	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
35) Dibromofluoromethane	7.55	113	155115	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
50) Toluene-d8	10.06	98	571234	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
62) 4-Bromofluorobenzene	12.38	95	204672	45.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	47487	16.725	ug/l	96
3) Chloromethane	2.04	50	58476	17.553	ug/l	92
4) Vinyl Chloride	2.16	62	58775	17.576	ug/l	99
5) Bromomethane	2.53	94	36388	17.299	ug/l	96
6) Chloroethane	2.67	64	38673	19.353	ug/l	98
7) Trichlorofluoromethane	2.98	101	97751	18.431	ug/l	99
8) Diethyl Ether	3.37	74	34228	19.082	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.72	101	50816	17.926	ug/l	97
10) Methyl Iodide	3.91	142	56866	17.277	ug/l	97
11) Tert butyl alcohol	4.73	59	59710	121.661	ug/l	97
12) 1,1-Dichloroethene	3.69	96	50845	18.765	ug/l	93
13) Acrolein	3.57	56	42665	141.641	ug/l	100
14) Allyl chloride	4.28	41	102464	20.355	ug/l	90
15) Acrylonitrile	4.93	53	155377	110.600	ug/l	99
16) Acetone	3.78	43	147430	107.735	ug/l	99
17) Carbon Disulfide	4.01	76	129012	18.070	ug/l	98
18) Methyl Acetate	4.28	43	81495	22.937	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	193165	19.622	ug/l	99
20) Methylene Chloride	4.51	84	63074	20.182	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	54621	17.997	ug/l	93
22) Diisopropyl ether	5.90	45	220027	21.244	ug/l	95
23) Vinyl Acetate	5.85	43	874153	101.891	ug/l	100
24) 1,1-Dichloroethane	5.80	63	116157	19.615	ug/l	99
25) 2-Butanone	6.79	43	225894	116.433	ug/l	98
26) 2,2-Dichloropropane	6.78	77	81525	15.033	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	64912	18.596	ug/l	98
28) Bromochloromethane	7.15	49	59426	20.304	ug/l	97
29) Tetrahydrofuran	7.17	42	151714	116.593	ug/l	96
30) Chloroform	7.33	83	118585	19.205	ug/l	99
31) Cyclohexane	7.61	56	90964	17.626	ug/l	# 92
32) 1,1,1-Trichloroethane	7.53	97	107047	19.221	ug/l	98
36) 1,1-Dichloropropene	7.76	75	78611	17.030	ug/l	99
37) Ethyl Acetate	6.88	43	91088	19.862	ug/l	98
38) Carbon Tetrachloride	7.73	117	90264	17.438	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	72888	15.834	ug/l	99
40) Benzene	8.00	78	246263	18.678	ug/l	98
41) Methacrylonitrile	7.12	41	41993	20.602	ug/l	94
42) 1,2-Dichloroethane	8.09	62	104624	18.590	ug/l	99
43) Isopropyl Acetate	8.13	43	153440	20.284	ug/l #	91
44) Trichloroethene	8.80	130	59607	17.254	ug/l	100
45) 1,2-Dichloropropane	9.08	63	69020	19.383	ug/l	97
46) Dibromomethane	9.17	93	45139	18.376	ug/l	98
47) Bromodichloromethane	9.37	83	94247	18.617	ug/l	99
48) Methyl methacrylate	9.17	41	77988	20.867	ug/l	89
49) 1,4-Dioxane	9.16	88	23838	448.783	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	486638	109.621	ug/l	99
52) Toluene	10.13	92	151248	18.546	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	95961	17.683	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	101920	17.958	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	63925	19.546	ug/l	98
56) Ethyl methacrylate	10.40	69	88640	19.121	ug/l	96
57) 1,3-Dichloropropane	10.68	76	108614	19.630	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	242576	97.822	ug/l	98
59) 2-Hexanone	10.72	43	353686	107.250	ug/l	98
60) Dibromochloromethane	10.87	129	68931	18.098	ug/l	98
61) 1,2-Dibromoethane	10.98	107	64461	19.268	ug/l	97
64) Tetrachloroethene	10.60	164	57056	17.461	ug/l	95
65) Chlorobenzene	11.41	112	158829	18.332	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	63855	19.225	ug/l	98
67) Ethyl Benzene	11.48	91	283362	17.974	ug/l	98
68) m/p-Xylenes	11.59	106	210863	35.888	ug/l	99
69) o-Xylene	11.92	106	100616	18.321	ug/l	100
70) Styrene	11.94	104	169897	18.225	ug/l	99
71) Bromoform	12.10	173	46548	18.324	ug/l #	96
73) Isopropylbenzene	12.22	105	264737	19.121	ug/l	99
74) N-amyl acetate	12.05	43	123013	20.485	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	92167	21.770	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	86103m	20.578	ug/l	
77) Bromobenzene	12.50	156	68368	20.125	ug/l	99
78) n-propylbenzene	12.57	91	301773	18.729	ug/l	99
79) 2-Chlorotoluene	12.65	91	191797	19.354	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	221958	19.109	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	27536	18.954	ug/l	99
82) 4-Chlorotoluene	12.75	91	196831	19.133	ug/l	98
83) tert-Butylbenzene	12.97	119	179302	18.872	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	222128	19.154	ug/l	99
85) sec-Butylbenzene	13.15	105	230039	18.434	ug/l	100
86) p-Isopropyltoluene	13.26	119	201394	18.243	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	117036	19.042	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	115753	18.088	ug/l	99
89) n-Butylbenzene	13.59	91	159773	15.681	ug/l	99
90) Hexachloroethane	13.85	117	40162	18.774	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	117253	19.261	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19484	19.624	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	49253	16.099	ug/l	95
94) Hexachlorobutadiene	14.98	225	30494	18.517	ug/l	97
95) Naphthalene	15.11	128	147247	15.748	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	48784	16.287	ug/l	99

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

