

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063793.D
 Acq On : 2 Oct 2020 00:56
 Operator : JC/MD
 Sample : VN1001WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 3:12:04 PM

Quant Time: Oct 02 04:00:03 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	245082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	429839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	390557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	177095	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	211518	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
35) Dibromofluoromethane	7.55	113	144299	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
50) Toluene-d8	10.06	98	516805	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	
62) 4-Bromofluorobenzene	12.38	95	193035	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	45323	17.526	ug/l	97
3) Chloromethane	2.04	50	54249	17.878	ug/l	99
4) Vinyl Chloride	2.16	62	56746	18.631	ug/l	95
5) Bromomethane	2.53	94	35460	18.509	ug/l	97
6) Chloroethane	2.67	64	35640	19.582	ug/l	99
7) Trichlorofluoromethane	2.99	101	89157	18.456	ug/l	95
8) Diethyl Ether	3.37	74	31657	19.377	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	44530	17.247	ug/l	99
10) Methyl Iodide	3.91	142	54100	18.046	ug/l	97
11) Tert butyl alcohol	4.73	59	47539	106.348	ug/l	96
12) 1,1-Dichloroethene	3.69	96	45764	18.543	ug/l	92
13) Acrolein	3.58	56	22142	80.706	ug/l	97
14) Allyl chloride	4.28	41	78788	17.184	ug/l	97
15) Acrylonitrile	4.93	53	126846	99.133	ug/l	99
16) Acetone	3.78	43	121546	97.518	ug/l	98
17) Carbon Disulfide	4.01	76	121467	18.655	ug/l	99
18) Methyl Acetate	4.28	43	65893	20.362	ug/l #	75
19) Methyl tert-butyl Ether	4.99	73	171890	19.171	ug/l	100
20) Methylene Chloride	4.50	84	58367	20.503	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	51690	18.699	ug/l	95
22) Diisopropyl ether	5.90	45	189794	20.120	ug/l	96
23) Vinyl Acetate	5.85	43	772778	98.895	ug/l	99
24) 1,1-Dichloroethane	5.80	63	105049	19.476	ug/l	97
25) 2-Butanone	6.78	43	183955	104.102	ug/l	99
26) 2,2-Dichloropropane	6.78	77	72278	14.633	ug/l	97
27) cis-1,2-Dichloroethene	6.79	96	59867	18.831	ug/l	99
28) Bromochloromethane	7.15	49	52906	19.846	ug/l	99
29) Tetrahydrofuran	7.17	42	120908	102.018	ug/l	98
30) Chloroform	7.33	83	108287	19.255	ug/l	93
31) Cyclohexane	7.62	56	79708	16.957	ug/l #	90
32) 1,1,1-Trichloroethane	7.53	97	96767	19.076	ug/l	100
36) 1,1-Dichloropropene	7.75	75	76213	17.501	ug/l	99
37) Ethyl Acetate	6.88	43	77672	17.953	ug/l #	80
38) Carbon Tetrachloride	7.74	117	83750	17.151	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	62541	14.402	ug/l	99
40) Benzene	8.00	78	224792	18.073	ug/l	99
41) Methacrylonitrile	7.13	41	32272m	16.783	ug/l	
42) 1,2-Dichloroethane	8.08	62	95068	17.906	ug/l	100
43) Isopropyl Acetate	8.13	43	133092	18.650	ug/l #	90
44) Trichloroethene	8.80	130	55601	17.061	ug/l	99
45) 1,2-Dichloropropane	9.09	63	61187	18.215	ug/l	100
46) Dibromomethane	9.17	93	44105	19.033	ug/l	95
47) Bromodichloromethane	9.37	83	86273	18.065	ug/l	99
48) Methyl methacrylate	9.17	41	67890	19.255	ug/l	94
49) 1,4-Dioxane	9.16	88	18101	361.233	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	404779	96.655	ug/l	100
52) Toluene	10.13	92	138247	17.970	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	89535	17.489	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	91694	17.126	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	56571	18.336	ug/l	95
56) Ethyl methacrylate	10.40	69	80229	18.345	ug/l	98
57) 1,3-Dichloropropane	10.68	76	96778	18.541	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	221556	94.709	ug/l	98
59) 2-Hexanone	10.72	43	290637	93.421	ug/l	98
60) Dibromochloromethane	10.87	129	64639	17.990	ug/l	96
61) 1,2-Dibromoethane	10.98	107	58354	18.490	ug/l	99
64) Tetrachloroethene	10.60	164	51788	17.139	ug/l	97
65) Chlorobenzene	11.41	112	144672	18.058	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	56490	18.392	ug/l	99
67) Ethyl Benzene	11.49	91	258945	17.763	ug/l	100
68) m/p-Xylenes	11.59	106	190501	35.062	ug/l	98
69) o-Xylene	11.92	106	92333	18.182	ug/l	99
70) Styrene	11.94	104	156740	18.183	ug/l	99
71) Bromoform	12.10	173	41596	17.708	ug/l #	99
73) Isopropylbenzene	12.23	105	239818	18.566	ug/l	99
74) N-amyl acetate	12.05	43	109953	19.719	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	80033	20.262	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	76793m	19.671	ug/l	
77) Bromobenzene	12.50	156	60054	18.947	ug/l	95
78) n-propylbenzene	12.57	91	270319	17.982	ug/l	100
79) 2-Chlorotoluene	12.65	91	173487	18.764	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	199074	18.370	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	24188	17.845	ug/l	99
82) 4-Chlorotoluene	12.75	91	182824	19.048	ug/l	100
83) tert-Butylbenzene	12.97	119	161856	18.259	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	201925	18.663	ug/l	98
85) sec-Butylbenzene	13.15	105	205230	17.627	ug/l	100
86) p-Isopropyltoluene	13.26	119	182827	17.751	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	105524	18.403	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	104193	17.451	ug/l	95
89) n-Butylbenzene	13.59	91	151399	15.926	ug/l	99
90) Hexachloroethane	13.85	117	35077	17.575	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	106484	18.749	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18077	19.515	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	50086	17.391	ug/l	99
94) Hexachlorobutadiene	14.98	225	25465	16.581	ug/l	94
95) Naphthalene	15.10	128	164815	18.508	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	49818	17.678	ug/l	100

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

