

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063963.D
 Acq On : 8 Oct 2020 00:53
 Operator : JC/MD
 Sample : VN1007WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 10:09:38 AM

Quant Time: Oct 08 06:30:24 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	273656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	453289	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	423072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	195445	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	218706	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	7.55	113	150780	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
50) Toluene-d8	10.06	98	555180	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
62) 4-Bromofluorobenzene	12.38	95	202252	45.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	48340	16.741	ug/l	100
3) Chloromethane	2.04	50	57671	17.022	ug/l	100
4) Vinyl Chloride	2.16	62	58380	17.166	ug/l	96
5) Bromomethane	2.54	94	35293	16.498	ug/l	89
6) Chloroethane	2.68	64	38506	18.948	ug/l	97
7) Trichlorofluoromethane	2.99	101	96925	17.969	ug/l	96
8) Diethyl Ether	3.38	74	33954	18.613	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.73	101	51522	17.871	ug/l	97
10) Methyl Iodide	3.91	142	54056	16.148	ug/l #	96
11) Tert butyl alcohol	4.73	59	50690	101.556	ug/l	98
12) 1,1-Dichloroethene	3.70	96	47768	17.334	ug/l	95
13) Acrolein	3.57	56	27323	89.192	ug/l	99
14) Allyl chloride	4.28	41	95143	18.585	ug/l	96
15) Acrylonitrile	4.93	53	138268	96.777	ug/l	98
16) Acetone	3.78	43	132992	95.560	ug/l	96
17) Carbon Disulfide	4.01	76	129316	17.820	ug/l	100
18) Methyl Acetate	4.28	43	73895	20.450	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	188462	18.824	ug/l	98
20) Methylene Chloride	4.51	84	60789	19.131	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	54839	17.767	ug/l	92
22) Diisopropyl ether	5.90	45	211869	20.115	ug/l	94
23) Vinyl Acetate	5.85	43	839315	96.195	ug/l	99
24) 1,1-Dichloroethane	5.79	63	113828	18.900	ug/l	98
25) 2-Butanone	6.78	43	200409	101.571	ug/l	98
26) 2,2-Dichloropropane	6.78	77	77878	14.121	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	64627	18.205	ug/l	98
28) Bromochloromethane	7.15	49	55569	18.669	ug/l	98
29) Tetrahydrofuran	7.17	42	134136	101.362	ug/l	96
30) Chloroform	7.33	83	121045	19.276	ug/l	94
31) Cyclohexane	7.61	56	90480	17.239	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	105268	18.585	ug/l	100
36) 1,1-Dichloropropene	7.75	75	83293	18.138	ug/l	97
37) Ethyl Acetate	6.88	43	83586	18.320	ug/l	98
38) Carbon Tetrachloride	7.74	117	92268	17.918	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	74017	16.162	ug/l	97
40) Benzene	8.00	78	243293	18.548	ug/l	100
41) Methacrylonitrile	7.13	41	41381	20.407	ug/l	97
42) 1,2-Dichloroethane	8.09	62	102005	18.218	ug/l	98
43) Isopropyl Acetate	8.13	43	143393	19.054	ug/l #	90
44) Trichloroethene	8.80	130	61953	18.027	ug/l	99
45) 1,2-Dichloropropane	9.08	63	68352	19.295	ug/l	99
46) Dibromomethane	9.17	93	45223	18.506	ug/l	98
47) Bromodichloromethane	9.37	83	95712	19.004	ug/l	100
48) Methyl methacrylate	9.17	41	73541	19.779	ug/l	90
49) 1,4-Dioxane	9.17	88	19363	366.427	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	445667	100.913	ug/l	99
52) Toluene	10.13	92	149953	18.483	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	93467	17.313	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	100063	17.723	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	62049	19.071	ug/l	98
56) Ethyl methacrylate	10.40	69	84280	18.275	ug/l	96
57) 1,3-Dichloropropane	10.68	76	105072	19.088	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	232167	94.111	ug/l	99
59) 2-Hexanone	10.72	43	314200	95.771	ug/l	99
60) Dibromochloromethane	10.87	129	69992	18.472	ug/l	98
61) 1,2-Dibromoethane	10.98	107	62049	18.643	ug/l	99
64) Tetrachloroethene	10.60	164	58271	17.803	ug/l	97
65) Chlorobenzene	11.41	112	161110	18.564	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	62960	18.923	ug/l	98
67) Ethyl Benzene	11.49	91	283747	17.968	ug/l	100
68) m/p-Xylenes	11.59	106	211659	35.962	ug/l	99
69) o-Xylene	11.92	106	100189	18.213	ug/l	100
70) Styrene	11.94	104	168167	18.009	ug/l	99
71) Bromoform	12.10	173	46307	18.198	ug/l #	97
73) Isopropylbenzene	12.22	105	266346	18.684	ug/l	100
74) N-amyl acetate	12.05	43	116805	19.064	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	85445	19.601	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	82822m	19.223	ug/l	
77) Bromobenzene	12.50	156	69003	19.727	ug/l	99
78) n-propylbenzene	12.57	91	302081	18.208	ug/l	99
79) 2-Chlorotoluene	12.65	91	190952	18.714	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	220628	18.448	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	24488	16.370	ug/l	89
82) 4-Chlorotoluene	12.75	91	194770	18.388	ug/l	97
83) tert-Butylbenzene	12.97	119	181012	18.503	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	223717	18.736	ug/l	99
85) sec-Butylbenzene	13.15	105	235706	18.344	ug/l	100
86) p-Isopropyltoluene	13.26	119	204169	17.962	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	117671	18.594	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	116625	17.700	ug/l	99
89) n-Butylbenzene	13.59	91	169314	16.138	ug/l	99
90) Hexachloroethane	13.85	117	40079	18.196	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	117450	18.738	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18756	18.347	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	52496	16.604	ug/l	98
94) Hexachlorobutadiene	14.98	225	32235	19.009	ug/l	96
95) Naphthalene	15.10	128	158131	16.342	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	53850	17.347	ug/l	99

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

