

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN064008.D
 Acq On : 9 Oct 2020 00:04
 Operator : JC/MD
 Sample : VN1008WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/9/2020 4:53:04 PM

Quant Time: Oct 09 07:02:43 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	268818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	445955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	416990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	188238	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	212851	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
35) Dibromofluoromethane	7.55	113	149600	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
50) Toluene-d8	10.06	98	541088	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
62) 4-Bromofluorobenzene	12.38	95	196035	44.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	44855	15.814	ug/l	99
3) Chloromethane	2.04	50	56922	17.103	ug/l	99
4) Vinyl Chloride	2.16	62	57050	17.076	ug/l	100
5) Bromomethane	2.53	94	37318	17.759	ug/l	98
6) Chloroethane	2.67	64	37660	18.865	ug/l	97
7) Trichlorofluoromethane	2.98	101	91629	17.293	ug/l	95
8) Diethyl Ether	3.37	74	35113	19.595	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	49320	17.415	ug/l	97
10) Methyl Iodide	3.91	142	53771	16.352	ug/l	97
11) Tert butyl alcohol	4.73	59	59004	120.341	ug/l	100
12) 1,1-Dichloroethene	3.70	96	47098	17.399	ug/l	99
13) Acrolein	3.57	56	35076	116.561	ug/l	96
14) Allyl chloride	4.28	41	102041	20.291	ug/l	86
15) Acrylonitrile	4.93	53	153718	109.527	ug/l	100
16) Acetone	3.78	43	141174	103.265	ug/l	98
17) Carbon Disulfide	4.01	76	122927	17.267	ug/l	100
18) Methyl Acetate	4.28	43	79149	22.298	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	187334	19.048	ug/l	100
20) Methylene Chloride	4.51	84	61207	19.606	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	52862	17.434	ug/l	95
22) Diisopropyl ether	5.90	45	215244	20.803	ug/l	93
23) Vinyl Acetate	5.85	43	851129	99.305	ug/l	98
24) 1,1-Dichloroethane	5.79	63	113942	19.260	ug/l	98
25) 2-Butanone	6.78	43	218637	112.803	ug/l	98
26) 2,2-Dichloropropane	6.78	77	80951	14.942	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	62989	18.063	ug/l	99
28) Bromochloromethane	7.15	49	55319	18.919	ug/l	96
29) Tetrahydrofuran	7.17	42	148033	113.876	ug/l	97
30) Chloroform	7.33	83	118646	19.234	ug/l	94
31) Cyclohexane	7.62	56	89900	17.437	ug/l #	96
32) 1,1,1-Trichloroethane	7.53	97	102585	18.438	ug/l	98
36) 1,1-Dichloropropene	7.75	75	77551	17.165	ug/l	99
37) Ethyl Acetate	6.88	43	94292	21.007	ug/l	97
38) Carbon Tetrachloride	7.73	117	87248	17.222	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	68796	15.269	ug/l	94
40) Benzene	8.00	78	242065	18.758	ug/l	100
41) Methacrylonitrile	7.13	41	38696m	19.397	ug/l	
42) 1,2-Dichloroethane	8.08	62	101548	18.435	ug/l	100
43) Isopropyl Acetate	8.13	43	150248	20.293	ug/l	99
44) Trichloroethene	8.80	130	59860	17.704	ug/l	99
45) 1,2-Dichloropropane	9.08	63	68115	19.545	ug/l	99
46) Dibromomethane	9.17	93	44938	18.692	ug/l	97
47) Bromodichloromethane	9.37	83	94226	19.017	ug/l	99
48) Methyl methacrylate	9.17	41	75020	20.509	ug/l	90
49) 1,4-Dioxane	9.17	88	24391	469.168	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	486511	111.973	ug/l	100
52) Toluene	10.12	92	148984	18.665	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	92396	17.396	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	98904	17.805	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	62142	19.413	ug/l	99
56) Ethyl methacrylate	10.40	69	87219	19.223	ug/l	94
57) 1,3-Dichloropropane	10.68	76	106673	19.698	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	235387	96.985	ug/l	97
59) 2-Hexanone	10.72	43	345256	106.967	ug/l	100
60) Dibromochloromethane	10.87	129	67704	18.162	ug/l	99
61) 1,2-Dibromoethane	10.98	107	62559	19.106	ug/l	98
64) Tetrachloroethene	10.60	164	54775	16.979	ug/l	96
65) Chlorobenzene	11.41	112	155348	18.161	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	62868	19.171	ug/l	100
67) Ethyl Benzene	11.49	91	278482	17.892	ug/l	99
68) m/p-Xylenes	11.59	106	203503	35.081	ug/l	100
69) o-Xylene	11.92	106	96569	17.811	ug/l	99
70) Styrene	11.94	104	164771	17.903	ug/l	100
71) Bromoform	12.10	173	46663	18.606	ug/l #	99
73) Isopropylbenzene	12.22	105	256058	18.650	ug/l	99
74) N-amyl acetate	12.05	43	123821	20.759	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	90107	21.462	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	84229m	20.299	ug/l	
77) Bromobenzene	12.50	156	66546	19.753	ug/l	97
78) n-propylbenzene	12.57	91	287995	18.023	ug/l	100
79) 2-Chlorotoluene	12.65	91	183812	18.704	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	214684	18.638	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	25680	17.824	ug/l	94
82) 4-Chlorotoluene	12.75	91	187043	18.334	ug/l	98
83) tert-Butylbenzene	12.97	119	171750	18.229	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	217325	18.897	ug/l	99
85) sec-Butylbenzene	13.15	105	225829	18.248	ug/l	100
86) p-Isopropyltoluene	13.26	119	194154	17.734	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	108969	17.879	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	113065	17.816	ug/l	99
89) n-Butylbenzene	13.59	91	154309	15.271	ug/l	99
90) Hexachloroethane	13.85	117	38854	18.315	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	111546	18.477	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	18201	18.485	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	45256	15.044	ug/l	99
94) Hexachlorobutadiene	14.98	225	28961	17.737	ug/l	96
95) Naphthalene	15.10	128	137787	14.968	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	46707	15.778	ug/l	97

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

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