

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101420\
 Data File : VN064121.D
 Acq On : 14 Oct 2020 18:56
 Operator : JC/MD
 Sample : VN1014WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1014WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/15/2020 12:17:34 PM

Quant Time: Oct 15 07:13:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	356512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	605799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	560754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	252399	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	251963	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
35) Dibromofluoromethane	7.55	113	201847	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
50) Toluene-d8	10.06	98	762006	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
62) 4-Bromofluorobenzene	12.38	95	249153	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	63628	18.943	ug/l	100
3) Chloromethane	2.04	50	77327	18.483	ug/l	98
4) Vinyl Chloride	2.16	62	92350	17.733	ug/l	95
5) Bromomethane	2.53	94	72437	18.535	ug/l	97
6) Chloroethane	2.68	64	71730	17.325	ug/l	94
7) Trichlorofluoromethane	2.98	101	126886	17.715	ug/l	99
8) Diethyl Ether	3.38	74	40786	18.201	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	66170	18.819	ug/l	99
10) Methyl Iodide	3.91	142	84133	16.972	ug/l	100
11) Tert butyl alcohol	4.73	59	52683	93.710	ug/l #	92
12) 1,1-Dichloroethene	3.70	96	60962	17.168	ug/l	97
13) Acrolein	3.57	56	39200	84.890	ug/l	100
14) Allyl chloride	4.28	41	99654	17.987	ug/l	98
15) Acrylonitrile	4.93	53	144372	89.439	ug/l	99
16) Acetone	3.78	43	137254	91.134	ug/l	99
17) Carbon Disulfide	4.01	76	182255	17.958	ug/l	97
18) Methyl Acetate	4.28	43	66620	17.634	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	189310	18.075	ug/l	99
20) Methylene Chloride	4.51	84	78693	16.886	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	73656	18.296	ug/l	97
22) Diisopropyl ether	5.90	45	200878	18.664	ug/l #	88
23) Vinyl Acetate	5.85	43	889162	92.487	ug/l	99
24) 1,1-Dichloroethane	5.80	63	133405	17.749	ug/l	99
25) 2-Butanone	6.79	43	207646	89.638	ug/l	97
26) 2,2-Dichloropropane	6.78	77	114286	18.277	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	84963	17.940	ug/l	98
28) Bromochloromethane	7.15	49	63870	17.841	ug/l #	99
29) Tetrahydrofuran	7.17	42	121873	90.020	ug/l	99
30) Chloroform	7.33	83	143442	17.915	ug/l	98
31) Cyclohexane	7.62	56	101730	18.124	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	128113	18.516	ug/l	100
36) 1,1-Dichloropropene	7.76	75	99583	17.054	ug/l	97
37) Ethyl Acetate	6.88	43	89973	17.363	ug/l	99
38) Carbon Tetrachloride	7.73	117	109565	17.450	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	85021	17.320	ug/l	98
40) Benzene	8.00	78	315798	17.859	ug/l	99
41) Methacrylonitrile	7.13	41	35061m	15.628	ug/l	
42) 1,2-Dichloroethane	8.09	62	112510	17.882	ug/l	100
43) Isopropyl Acetate	8.13	43	147987	17.209	ug/l #	90
44) Trichloroethene	8.80	130	82448	17.732	ug/l	96
45) 1,2-Dichloropropane	9.08	63	83510	18.026	ug/l	99
46) Dibromomethane	9.17	93	58095	17.675	ug/l	96
47) Bromodichloromethane	9.37	83	113701	17.681	ug/l	99
48) Methyl methacrylate	9.17	41	68372	17.213	ug/l	97
49) 1,4-Dioxane	9.17	88	19642	325.652	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	455449	89.507	ug/l	100
52) Toluene	10.13	92	197297	18.159	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	118718	17.993	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	129567	17.871	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	79802	17.730	ug/l	98
56) Ethyl methacrylate	10.40	69	99918	16.915	ug/l	98
57) 1,3-Dichloropropane	10.68	76	131891	17.793	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.67	63	281029	92.807	ug/l	100
59) 2-Hexanone	10.72	43	321345	86.305	ug/l	98
60) Dibromochloromethane	10.87	129	88322	17.468	ug/l	100
61) 1,2-Dibromoethane	10.98	107	82924	18.100	ug/l	100
64) Tetrachloroethene	10.60	164	75944	17.963	ug/l	97
65) Chlorobenzene	11.41	112	215742	18.270	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	80754	18.012	ug/l	99
67) Ethyl Benzene	11.49	91	359347	18.166	ug/l	99
68) m/p-Xylenes	11.59	106	276558	35.362	ug/l	100
69) o-Xylene	11.92	106	128012	17.469	ug/l	99
70) Styrene	11.94	104	216312	17.458	ug/l	99
71) Bromoform	12.10	173	59601	17.562	ug/l #	98
73) Isopropylbenzene	12.23	105	337102	18.439	ug/l	100
74) N-amyl acetate	12.04	43	116440	17.007	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	112118	17.812	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	93001m	15.706	ug/l	
77) Bromobenzene	12.50	156	89806	18.094	ug/l	97
78) n-propylbenzene	12.57	91	383532	18.795	ug/l	100
79) 2-Chlorotoluene	12.65	91	233280	17.975	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	281486	19.182	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	34499	17.800	ug/l	97
82) 4-Chlorotoluene	12.75	91	237656	18.169	ug/l	99
83) tert-Butylbenzene	12.97	119	226274	18.644	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	278193	18.305	ug/l	98
85) sec-Butylbenzene	13.15	105	293889	18.837	ug/l	99
86) p-Isopropyltoluene	13.26	119	252940	17.576	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	152867	18.485	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	152672	18.050	ug/l	98
89) n-Butylbenzene	13.59	91	205144	18.045	ug/l	98
90) Hexachloroethane	13.85	117	47936	18.462	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	151020	18.348	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	20191	16.666	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	62585	17.680	ug/l	98
94) Hexachlorobutadiene	14.98	225	34107	17.394	ug/l	95
95) Naphthalene	15.10	128	182196	17.425	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	63839	17.767	ug/l	100

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

