

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101520\
 Data File : VN064139.D
 Acq On : 15 Oct 2020 13:26
 Operator : JC/MD
 Sample : VN1015WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBS01

Manual Integrations
 APPROVED

apatel
 10/19/2020 11:25:59 AM

Quant Time: Oct 16 02:48:49 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	330818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	556013	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	536614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	239386	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	235402	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	7.55	113	191613	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	10.06	98	714534	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.38	95	241092	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	61683	19.790	ug/l	97
3) Chloromethane	2.04	50	75671	19.492	ug/l	99
4) Vinyl Chloride	2.16	62	92584	19.159	ug/l	98
5) Bromomethane	2.53	94	73282	20.208	ug/l	98
6) Chloroethane	2.68	64	72000	18.741	ug/l	99
7) Trichlorofluoromethane	2.98	101	129185	19.437	ug/l	96
8) Diethyl Ether	3.38	74	38843	18.680	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	66460	20.369	ug/l	95
10) Methyl Iodide	3.91	142	81754	17.773	ug/l	98
11) Tert butyl alcohol	4.73	59	49987	95.820	ug/l #	81
12) 1,1-Dichloroethene	3.70	96	62562	18.987	ug/l	96
13) Acrolein	3.57	56	51248	119.601	ug/l	95
14) Allyl chloride	4.28	41	93714	18.229	ug/l	97
15) Acrylonitrile	4.94	53	143702	95.938	ug/l	98
16) Acetone	3.78	43	140838	100.777	ug/l	97
17) Carbon Disulfide	4.01	76	181198	19.240	ug/l	97
18) Methyl Acetate	4.28	43	65050	18.556	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	181625	18.688	ug/l	100
20) Methylene Chloride	4.51	84	79727	18.437	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	72076	19.294	ug/l	97
22) Diisopropyl ether	5.90	45	198001	19.826	ug/l #	87
23) Vinyl Acetate	5.85	43	871500	97.691	ug/l	97
24) 1,1-Dichloroethane	5.80	63	136285	19.541	ug/l	99
25) 2-Butanone	6.79	43	206858	96.234	ug/l	98
26) 2,2-Dichloropropane	6.78	77	114603	19.751	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	84215	19.164	ug/l	99
28) Bromochloromethane	7.15	49	58312	17.554	ug/l #	99
29) Tetrahydrofuran	7.17	42	118186	94.077	ug/l	98
30) Chloroform	7.33	83	147817	19.895	ug/l	98
31) Cyclohexane	7.62	56	94791	18.199	ug/l #	95
32) 1,1,1-Trichloroethane	7.53	97	124766	19.433	ug/l	98
36) 1,1-Dichloropropene	7.75	75	97166	18.131	ug/l	99
37) Ethyl Acetate	6.88	43	91298	19.196	ug/l #	85
38) Carbon Tetrachloride	7.73	117	108429	18.815	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	81134	18.008	ug/l	96
40) Benzene	8.00	78	319182	19.667	ug/l	98
41) Methacrylonitrile	7.13	41	39594	19.228	ug/l #	89
42) 1,2-Dichloroethane	8.09	62	114846	19.888	ug/l	99
43) Isopropyl Acetate	8.13	43	147894	18.739	ug/l #	89
44) Trichloroethene	8.80	130	81558	19.111	ug/l	95
45) 1,2-Dichloropropane	9.08	63	82163	19.323	ug/l	100
46) Dibromomethane	9.17	93	58526	19.401	ug/l	99
47) Bromodichloromethane	9.37	83	117132	19.846	ug/l	99
48) Methyl methacrylate	9.17	41	65494	17.965	ug/l	93
49) 1,4-Dioxane	9.17	88	21930	396.142	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	460813	98.670	ug/l	98
52) Toluene	10.13	92	195319	19.587	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	116931	19.309	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	128325	19.285	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	81412	19.707	ug/l	97
56) Ethyl methacrylate	10.40	69	97662	17.864	ug/l	99
57) 1,3-Dichloropropane	10.68	76	130724	19.214	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	248261	89.785	ug/l	99
59) 2-Hexanone	10.72	43	318486	92.650	ug/l	99
60) Dibromochloromethane	10.87	129	90715	19.548	ug/l	99
61) 1,2-Dibromoethane	10.98	107	82598	19.643	ug/l	100
64) Tetrachloroethene	10.60	164	78628	19.435	ug/l	98
65) Chlorobenzene	11.41	112	215174	19.042	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	81903	19.090	ug/l	100
67) Ethyl Benzene	11.49	91	353410	18.670	ug/l	99
68) m/p-Xylenes	11.59	106	270382	36.081	ug/l	99
69) o-Xylene	11.92	106	127190	18.077	ug/l	100
70) Styrene	11.94	104	214210	17.995	ug/l	98
71) Bromoform	12.10	173	61004	18.629	ug/l #	98
73) Isopropylbenzene	12.23	105	329843	19.022	ug/l	100
74) N-amyl acetate	12.05	43	114086	17.569	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	111539	18.683	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	101909m	18.146	ug/l	
77) Bromobenzene	12.50	156	88652	18.832	ug/l	96
78) n-propylbenzene	12.57	91	379370	19.602	ug/l	99
79) 2-Chlorotoluene	12.65	91	236691	19.229	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	272669	19.591	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	33278	18.103	ug/l	94
82) 4-Chlorotoluene	12.75	91	236712	19.081	ug/l	100
83) tert-Butylbenzene	12.97	119	219181	19.042	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	268997	18.659	ug/l	100
85) sec-Butylbenzene	13.15	105	286390	19.354	ug/l	100
86) p-Isopropyltoluene	13.26	119	251074	18.364	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	151401	19.303	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	149691	18.659	ug/l	99
89) n-Butylbenzene	13.59	91	196263	18.202	ug/l	99
90) Hexachloroethane	13.85	117	46947	19.064	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	150233	19.244	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21254	18.497	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	57785	17.296	ug/l	98
94) Hexachlorobutadiene	14.98	225	35001	18.821	ug/l	98
95) Naphthalene	15.10	128	160959	16.491	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	57172	16.933	ug/l	95

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

