

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101520\
 Data File : VN064140.D
 Acq On : 15 Oct 2020 13:55
 Operator : JC/MD
 Sample : VN1015WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBSD01

Manual Integrations
 APPROVED

apatel
 10/19/2020 11:26:01 AM

Quant Time: Oct 16 02:50:57 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	7.62	168	335834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	540250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	526316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	235296	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	233757	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
35) Dibromofluoromethane	7.55	113	188461	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
50) Toluene-d8	10.06	98	689700	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
62) 4-Bromofluorobenzene	12.38	95	232952	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	59926	18.939	ug/l	97
3) Chloromethane	2.04	50	71810	18.221	ug/l	99
4) Vinyl Chloride	2.16	62	88165	17.972	ug/l	98
5) Bromomethane	2.54	94	69435	18.861	ug/l	95
6) Chloroethane	2.68	64	68653	17.603	ug/l	96
7) Trichlorofluoromethane	2.99	101	123939	18.369	ug/l	98
8) Diethyl Ether	3.37	74	38907	18.431	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	65507	19.777	ug/l	98
10) Methyl Iodide	3.91	142	82714	17.713	ug/l	100
11) Tert butyl alcohol	4.72	59	49958	94.334	ug/l	98
12) 1,1-Dichloroethene	3.70	96	60647	18.131	ug/l	96
13) Acrolein	3.57	56	47993	110.332	ug/l	98
14) Allyl chloride	4.28	41	84985	16.284	ug/l	92
15) Acrylonitrile	4.93	53	143688	94.496	ug/l	97
16) Acetone	3.77	43	131834	92.925	ug/l	97
17) Carbon Disulfide	4.01	76	171784	17.968	ug/l	100
18) Methyl Acetate	4.28	43	66864	18.788	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	184356	18.686	ug/l	99
20) Methylene Chloride	4.51	84	80619	18.365	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	71704	18.908	ug/l	97
22) Diisopropyl ether	5.90	45	193529	19.088	ug/l #	90
23) Vinyl Acetate	5.84	43	865691	95.590	ug/l	99
24) 1,1-Dichloroethane	5.80	63	132778	18.754	ug/l	99
25) 2-Butanone	6.78	43	199455	91.404	ug/l	97
26) 2,2-Dichloropropane	6.78	77	109017	18.507	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	80549	18.056	ug/l	98
28) Bromochloromethane	7.15	49	59763	17.722	ug/l #	99
29) Tetrahydrofuran	7.16	42	116287	91.183	ug/l	98
30) Chloroform	7.33	83	144544	19.164	ug/l	100
31) Cyclohexane	7.62	56	91741	17.351	ug/l #	94
32) 1,1,1-Trichloroethane	7.53	97	121348	18.618	ug/l	98
36) 1,1-Dichloropropene	7.75	75	96013	18.438	ug/l	98
37) Ethyl Acetate	6.88	43	89043	19.268	ug/l	98
38) Carbon Tetrachloride	7.73	117	105452	18.833	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	80404	18.366	ug/l	97
40) Benzene	8.00	78	306848	19.459	ug/l	99
41) Methacrylonitrile	7.12	41	32725m	16.356	ug/l	
42) 1,2-Dichloroethane	8.08	62	113973	20.313	ug/l	99
43) Isopropyl Acetate	8.13	43	146760	19.137	ug/l	99
44) Trichloroethene	8.80	130	79645	19.207	ug/l	96
45) 1,2-Dichloropropane	9.08	63	83008	20.091	ug/l	98
46) Dibromomethane	9.17	93	57634	19.662	ug/l	99
47) Bromodichloromethane	9.37	83	114397	19.948	ug/l	99
48) Methyl methacrylate	9.16	41	65090	18.375	ug/l	96
49) 1,4-Dioxane	9.16	88	21037	391.098	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	452478	99.712	ug/l	99
52) Toluene	10.12	92	191162	19.729	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	116423	19.786	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	127925	19.786	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	80586	20.076	ug/l	96
56) Ethyl methacrylate	10.40	69	99171	18.566	ug/l	98
57) 1,3-Dichloropropane	10.68	76	130815	19.789	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	253241	93.650	ug/l	98
59) 2-Hexanone	10.72	43	314708	94.106	ug/l	98
60) Dibromochloromethane	10.87	129	86208	19.119	ug/l	97
61) 1,2-Dibromoethane	10.98	107	82645	20.228	ug/l	99
64) Tetrachloroethene	10.60	164	76288	19.225	ug/l	98
65) Chlorobenzene	11.41	112	206669	18.647	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	80377	19.101	ug/l	98
67) Ethyl Benzene	11.48	91	345969	18.634	ug/l	98
68) m/p-Xylenes	11.60	106	266524	36.251	ug/l	100
69) o-Xylene	11.92	106	125077	18.120	ug/l	100
70) Styrene	11.94	104	211059	18.068	ug/l	99
71) Bromoform	12.10	173	59327	18.490	ug/l #	98
73) Isopropylbenzene	12.22	105	324261	19.025	ug/l	99
74) N-amyl acetate	12.05	43	115038	18.023	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	110024	18.750	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	97887m	17.733	ug/l	
77) Bromobenzene	12.50	156	89773	19.402	ug/l	95
78) n-propylbenzene	12.57	91	367281	19.307	ug/l	99
79) 2-Chlorotoluene	12.65	91	229500	18.969	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	266916	19.511	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	33405	18.488	ug/l	98
82) 4-Chlorotoluene	12.75	91	237337	19.464	ug/l	99
83) tert-Butylbenzene	12.97	119	213392	18.861	ug/l	96
84) 1,2,4-Trimethylbenzene	13.02	105	268859	18.970	ug/l	99
85) sec-Butylbenzene	13.14	105	286698	19.712	ug/l	100
86) p-Isopropyltoluene	13.26	119	249080	18.528	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	150049	19.463	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	149926	19.014	ug/l	99
89) n-Butylbenzene	13.59	91	199790	18.851	ug/l	96
90) Hexachloroethane	13.85	117	45330	18.727	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	149478	19.481	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	20304	17.978	ug/l	98

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93) 1,2,4-Trichlorobenzene	14.88	180	59808	18.044	ug/l	99
94) Hexachlorobutadiene	14.98	225	36468	19.950	ug/l	98
95) Naphthalene	15.10	128	167859	17.266	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	61274	18.209	ug/l	98

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

