

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040820\
 Data File : VN060894.D
 Acq On : 8 Apr 2020 12:38
 Operator : JC/MD
 Sample : VN0408WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0408WBSD01

Manual Integrations
 APPROVED

apatel
 4/9/2020 12:29:39 PM

Quant Time: Apr 09 08:45:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	174567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	286020	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	260424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	122828	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	119612	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
35) Dibromofluoromethane	7.56	113	89282	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
50) Toluene-d8	10.08	98	351295	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.40	95	127832	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	28933	17.129	ug/l	99
3) Chloromethane	2.04	50	51754	16.406	ug/l	100
4) Vinyl Chloride	2.17	62	41858	16.964	ug/l	97
5) Bromomethane	2.55	94	22911	21.510	ug/l	99
6) Chloroethane	2.69	64	27022	19.011	ug/l	99
7) Trichlorofluoromethane	3.00	101	58056	19.100	ug/l	97
8) Diethyl Ether	3.38	74	25961	21.261	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	35792	20.322	ug/l	100
10) Methyl Iodide	3.93	142	29949	19.110	ug/l	99
11) Tert butyl alcohol	4.72	59	38670	109.722	ug/l	97
12) 1,1-Dichloroethene	3.72	96	35226	18.638	ug/l	100
13) Acrolein	3.58	56	22435	57.437	ug/l	99
14) Allyl chloride	4.29	41	65661	19.753	ug/l	99
15) Acrylonitrile	4.94	53	106883	103.132	ug/l	99
16) Acetone	3.78	43	91532	107.830	ug/l	100
17) Carbon Disulfide	4.03	76	98888	17.204	ug/l	100
18) Methyl Acetate	4.28	43	53117	22.231	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	134498	20.698	ug/l	96
20) Methylene Chloride	4.52	84	41540	19.893	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	38195	18.962	ug/l	98
22) Diisopropyl ether	5.91	45	153372	21.839	ug/l	98
23) Vinyl Acetate	5.86	43	605434	105.659	ug/l	99
24) 1,1-Dichloroethane	5.81	63	79131	20.669	ug/l	100
25) 2-Butanone	6.80	43	144675	105.326	ug/l	96
26) 2,2-Dichloropropane	6.80	77	65672	21.802	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	45795	20.006	ug/l	98
28) Bromochloromethane	7.17	49	38717	21.137	ug/l	99
29) Tetrahydrofuran	7.18	42	98917	101.780	ug/l	99
30) Chloroform	7.34	83	74991	20.432	ug/l	100
31) Cyclohexane	7.63	56	71863	18.619	ug/l	95
32) 1,1,1-Trichloroethane	7.54	97	62787	19.844	ug/l	98
36) 1,1-Dichloropropene	7.77	75	56198	20.291	ug/l	100
37) Ethyl Acetate	6.89	43	60768	20.306	ug/l	98
38) Carbon Tetrachloride	7.75	117	48902	19.701	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	66917	20.332	ug/l	97
40) Benzene	8.02	78	173304	20.729	ug/l	100
41) Methacrylonitrile	7.14	41	25974m	20.338	ug/l	
42) 1,2-Dichloroethane	8.10	62	60887	21.310	ug/l	99
43) Isopropyl Acetate	8.14	43	105910	21.460	ug/l	100
44) Trichloroethene	8.81	130	43301	20.545	ug/l	99
45) 1,2-Dichloropropane	9.10	63	48714	22.082	ug/l	97
46) Dibromomethane	9.19	93	28773	21.574	ug/l	99
47) Bromodichloromethane	9.38	83	58993	21.286	ug/l	97
48) Methyl methacrylate	9.18	41	44821	20.398	ug/l	97
49) 1,4-Dioxane	9.18	88	12536	479.975	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	303922	108.218	ug/l	99
52) Toluene	10.14	92	103340	20.466	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	69645	21.877	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	74466	21.322	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	41439	21.333	ug/l	97
56) Ethyl methacrylate	10.42	69	63512	20.969	ug/l	97
57) 1,3-Dichloropropane	10.70	76	73484	21.800	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	140175	93.117	ug/l	100
59) 2-Hexanone	10.74	43	212017	104.801	ug/l	100
60) Dibromochloromethane	10.89	129	42618	21.240	ug/l	99
61) 1,2-Dibromoethane	10.99	107	41016	20.998	ug/l	100
64) Tetrachloroethene	10.62	164	40085	19.560	ug/l	99
65) Chlorobenzene	11.43	112	106134	20.558	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	40236	21.526	ug/l	97
67) Ethyl Benzene	11.50	91	199632	20.793	ug/l	98
68) m/p-Xylenes	11.61	106	145328	40.735	ug/l	99
69) o-Xylene	11.94	106	69527	20.414	ug/l	98
70) Styrene	11.96	104	111743	20.061	ug/l	99
71) Bromoform	12.12	173	29712	20.163	ug/l #	100
73) Isopropylbenzene	12.25	105	186847	20.270	ug/l	100
74) N-amyl acetate	12.06	43	84327	19.798	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	59101	21.202	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	50261m	18.964	ug/l	
77) Bromobenzene	12.52	156	44662	20.108	ug/l	99
78) n-propylbenzene	12.59	91	221353	20.326	ug/l	99
79) 2-Chlorotoluene	12.67	91	130386	20.038	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	158227	20.227	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	20573	19.936	ug/l	98
82) 4-Chlorotoluene	12.77	91	134730	20.330	ug/l	100
83) tert-Butylbenzene	12.99	119	133721	20.621	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	157581	20.362	ug/l	100
85) sec-Butylbenzene	13.17	105	181944	20.866	ug/l	100
86) p-Isopropyltoluene	13.28	119	161715	20.624	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	80289	20.495	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	79643	20.235	ug/l	99
89) n-Butylbenzene	13.61	91	145999	20.623	ug/l	100
90) Hexachloroethane	13.87	117	25355	22.246	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	78252	20.890	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11043	18.746	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	47013	20.438	ug/l	99
94) Hexachlorobutadiene	15.01	225	25377	22.504	ug/l	99
95) Naphthalene	15.13	128	135132	19.531	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	47632	21.023	ug/l	99

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

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