

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032520\
 Data File : VN060689.D
 Acq On : 25 Mar 2020 12:12
 Operator : JC/MD
 Sample : VN0325WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBS01

Manual Integrations
 APPROVED

apatel
 3/26/2020 11:00:12 AM

Quant Time: Mar 26 04:38:09 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	195260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	321308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	293275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139102	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	140013	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
35) Dibromofluoromethane	7.56	113	103741	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
50) Toluene-d8	10.08	98	416925	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
62) 4-Bromofluorobenzene	12.39	95	150242	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	36472	19.304	ug/l	97
3) Chloromethane	2.04	50	63003	17.855	ug/l	100
4) Vinyl Chloride	2.17	62	48588	17.605	ug/l	98
5) Bromomethane	2.55	94	24410	20.488	ug/l	98
6) Chloroethane	2.69	64	30349	19.089	ug/l	99
7) Trichlorofluoromethane	3.00	101	63853	18.781	ug/l	98
8) Diethyl Ether	3.38	74	27386	20.051	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	39655	20.129	ug/l	99
10) Methyl Iodide	3.92	142	34890	19.903	ug/l	98
11) Tert butyl alcohol	4.72	59	37708	95.654	ug/l	98
12) 1,1-Dichloroethene	3.72	96	39299	18.589	ug/l	98
13) Acrolein	3.57	56	37893	86.731	ug/l	98
14) Allyl chloride	4.29	41	68407	18.398	ug/l	100
15) Acrylonitrile	4.94	53	110431	95.263	ug/l	99
16) Acetone	3.78	43	107314	113.024	ug/l	99
17) Carbon Disulfide	4.03	76	117933	18.343	ug/l	100
18) Methyl Acetate	4.28	43	51817	19.389	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	135506	18.643	ug/l	98
20) Methylene Chloride	4.52	84	44429	19.022	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	42542	18.881	ug/l	95
22) Diisopropyl ether	5.91	45	154117	19.619	ug/l	99
23) Vinyl Acetate	5.86	43	627086	97.840	ug/l	99
24) 1,1-Dichloroethane	5.81	63	82787	19.332	ug/l	99
25) 2-Butanone	6.80	43	150674	98.068	ug/l	100
26) 2,2-Dichloropropane	6.79	77	71857	21.327	ug/l	98
27) cis-1,2-Dichloroethene	6.80	96	48036	18.761	ug/l	97
28) Bromochloromethane	7.17	49	41956	20.478	ug/l	100
29) Tetrahydrofuran	7.18	42	99969	91.961	ug/l	100
30) Chloroform	7.34	83	78820	19.200	ug/l	99
31) Cyclohexane	7.63	56	81246	18.819	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	67053	18.947	ug/l	98
36) 1,1-Dichloropropene	7.77	75	60536	19.457	ug/l	99
37) Ethyl Acetate	6.89	43	63428	18.867	ug/l	99
38) Carbon Tetrachloride	7.75	117	52837	18.948	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.06	83	72665	19.653	ug/l	100
40) Benzene	8.02	78	184045	19.596	ug/l	100
41) Methacrylonitrile	7.14	41	27285	19.018	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	63945	19.922	ug/l	99
43) Isopropyl Acetate	8.14	43	105830	19.088	ug/l	100
44) Trichloroethene	8.81	130	47013	19.856	ug/l	95
45) 1,2-Dichloropropane	9.10	63	50177	20.247	ug/l	97
46) Dibromomethane	9.19	93	29485	19.679	ug/l	100
47) Bromodichloromethane	9.38	83	61235	19.668	ug/l	99
48) Methyl methacrylate	9.18	41	46053	18.657	ug/l	98
49) 1,4-Dioxane	9.18	88	14110	480.907	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	305941	96.973	ug/l	99
52) Toluene	10.14	92	110064	19.404	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	70630	19.749	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	78089	19.903	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	42820	19.623	ug/l	99
56) Ethyl methacrylate	10.42	69	64448	18.941	ug/l	98
57) 1,3-Dichloropropane	10.70	76	74701	19.727	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	151357	89.503	ug/l	100
59) 2-Hexanone	10.74	43	222399	97.859	ug/l	100
60) Dibromochloromethane	10.89	129	44475	19.731	ug/l	99
61) 1,2-Dibromoethane	10.99	107	43211	19.692	ug/l	99
64) Tetrachloroethene	10.62	164	44079	19.100	ug/l	98
65) Chlorobenzene	11.42	112	112515	19.353	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	40358	19.172	ug/l	99
67) Ethyl Benzene	11.50	91	209701	19.396	ug/l	99
68) m/p-Xylenes	11.61	106	155642	38.739	ug/l	99
69) o-Xylene	11.94	106	74667	19.468	ug/l	99
70) Styrene	11.96	104	119382	19.032	ug/l	99
71) Bromoform	12.12	173	30639	18.604	ug/l #	100
73) Isopropylbenzene	12.24	105	199128	19.075	ug/l	100
74) N-amyl acetate	12.06	43	89440	18.542	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	60871	19.282	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	54247m	18.073	ug/l	
77) Bromobenzene	12.52	156	47901	19.043	ug/l	99
78) n-propylbenzene	12.59	91	235107	19.063	ug/l	99
79) 2-Chlorotoluene	12.67	91	137507	18.660	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	165995	18.738	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	21810	18.662	ug/l	98
82) 4-Chlorotoluene	12.77	91	144424	19.243	ug/l	99
83) tert-Butylbenzene	12.99	119	140254	19.099	ug/l	98
84) 1,2,4-Trimethylbenzene	13.03	105	166678	19.018	ug/l	99
85) sec-Butylbenzene	13.17	105	187755	19.013	ug/l	100
86) p-Isopropyltoluene	13.28	119	169128	19.046	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	85785	19.336	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	85079	19.087	ug/l	98
89) n-Butylbenzene	13.61	91	151615	18.911	ug/l	100
90) Hexachloroethane	13.87	117	24985	19.357	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	83004	19.566	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12093	18.118	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	49797	19.115	ug/l	99
94) Hexachlorobutadiene	15.01	225	24285	19.016	ug/l	100
95) Naphthalene	15.13	128	146626	18.713	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	47828	18.639	ug/l	100

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

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