

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060608.D
 Acq On : 18 Mar 2020 22:28
 Operator : JC/MD
 Sample : VN0318WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBSD02

Manual Integrations
 APPROVED

MMDadoda
 3/19/2020 1:59:59 PM

Quant Time: Mar 19 08:22:19 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	201387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	345634	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	310642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	141377	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	135382	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
35) Dibromofluoromethane	7.56	113	101192	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
50) Toluene-d8	10.08	98	407228	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
62) 4-Bromofluorobenzene	12.40	95	144267	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	38358	19.685	ug/l	97
3) Chloromethane	2.04	50	68054	18.700	ug/l	100
4) Vinyl Chloride	2.16	62	55380	19.455	ug/l	98
5) Bromomethane	2.55	94	24657	20.066	ug/l	99
6) Chloroethane	2.69	64	32740	19.967	ug/l	99
7) Trichlorofluoromethane	3.00	101	70095	19.990	ug/l	99
8) Diethyl Ether	3.38	74	28845	20.477	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	40003	19.688	ug/l	98
10) Methyl Iodide	3.93	142	38088	21.067	ug/l	99
11) Tert butyl alcohol	4.73	59	35001	86.086	ug/l	98
12) 1,1-Dichloroethene	3.72	96	42179	19.345	ug/l	95
13) Acrolein	3.58	56	37476	83.166	ug/l	100
14) Allyl chloride	4.30	41	74011	19.300	ug/l	98
15) Acrylonitrile	4.94	53	116916	97.789	ug/l	99
16) Acetone	3.78	43	91343	93.276	ug/l	100
17) Carbon Disulfide	4.03	76	131319	19.803	ug/l	100
18) Methyl Acetate	4.29	43	52456	19.031	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	145189	19.368	ug/l	99
20) Methylene Chloride	4.52	84	47781	19.835	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	45810	19.713	ug/l	97
22) Diisopropyl ether	5.91	45	162075	20.005	ug/l	97
23) Vinyl Acetate	5.86	43	660206	99.873	ug/l	100
24) 1,1-Dichloroethane	5.82	63	89104	20.174	ug/l	98
25) 2-Butanone	6.80	43	151101	95.354	ug/l	98
26) 2,2-Dichloropropane	6.80	77	65223	18.769	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	52680	19.949	ug/l	99
28) Bromochloromethane	7.17	49	43456	20.565	ug/l	100
29) Tetrahydrofuran	7.18	42	106714	95.179	ug/l	100
30) Chloroform	7.35	83	83532	19.728	ug/l	99
31) Cyclohexane	7.63	56	85522	19.207	ug/l	94
32) 1,1,1-Trichloroethane	7.55	97	72533	19.871	ug/l	98
36) 1,1-Dichloropropene	7.77	75	65506	19.573	ug/l	100
37) Ethyl Acetate	6.90	43	68479	18.936	ug/l	99
38) Carbon Tetrachloride	7.75	117	57812	19.273	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	74707	18.784	ug/l	98
40) Benzene	8.02	78	195997	19.399	ug/l	99
41) Methacrylonitrile	7.14	41	25036m	16.222	ug/l	
42) 1,2-Dichloroethane	8.10	62	67774	19.629	ug/l	100
43) Isopropyl Acetate	8.14	43	113680	19.061	ug/l	100
44) Trichloroethene	8.82	130	50424	19.798	ug/l	99
45) 1,2-Dichloropropane	9.10	63	52933	19.856	ug/l	98
46) Dibromomethane	9.19	93	31190	19.352	ug/l	99
47) Bromodichloromethane	9.39	83	63757	19.037	ug/l	100
48) Methyl methacrylate	9.18	41	48610	18.307	ug/l	99
49) 1,4-Dioxane	9.18	88	11211	355.209	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	325538	95.922	ug/l	100
52) Toluene	10.14	92	117697	19.289	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	73852	19.197	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	80928	19.175	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	45527	19.395	ug/l	98
56) Ethyl methacrylate	10.42	69	69080	18.874	ug/l	99
57) 1,3-Dichloropropane	10.70	76	80158	19.678	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	174039	95.672	ug/l	99
59) 2-Hexanone	10.74	43	228677	93.540	ug/l	100
60) Dibromochloromethane	10.89	129	46299	19.094	ug/l	100
61) 1,2-Dibromoethane	10.99	107	45792	19.400	ug/l	99
64) Tetrachloroethene	10.62	164	49166	20.113	ug/l	97
65) Chlorobenzene	11.43	112	119032	19.329	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	43438	19.482	ug/l	99
67) Ethyl Benzene	11.50	91	223128	19.484	ug/l	99
68) m/p-Xylenes	11.61	106	164748	38.713	ug/l	98
69) o-Xylene	11.94	106	80022	19.698	ug/l	99
70) Styrene	11.96	104	127298	19.159	ug/l	99
71) Bromoform	12.12	173	31951	18.342	ug/l #	100
73) Isopropylbenzene	12.24	105	212383	20.018	ug/l	99
74) N-amyl acetate	12.06	43	93444	19.060	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	61822	19.268	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	61651m	20.209	ug/l	
77) Bromobenzene	12.52	156	50309	19.678	ug/l	99
78) n-propylbenzene	12.59	91	246530	19.668	ug/l	99
79) 2-Chlorotoluene	12.67	91	145683	19.452	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	176300	19.581	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	21535	18.130	ug/l	100
82) 4-Chlorotoluene	12.77	91	150679	19.753	ug/l	100
83) tert-Butylbenzene	12.99	119	146941	19.687	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	173576	19.487	ug/l	99
85) sec-Butylbenzene	13.17	105	196543	19.583	ug/l	100
86) p-Isopropyltoluene	13.28	119	174459	19.330	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	88932	19.723	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	87528	19.321	ug/l	98
89) n-Butylbenzene	13.61	91	153958	18.894	ug/l	99
90) Hexachloroethane	13.87	117	25052	19.096	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	84466	19.591	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12561	18.523	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	51377	19.404	ug/l	100
94) Hexachlorobutadiene	15.00	225	24880	19.169	ug/l	98
95) Naphthalene	15.13	128	153260	19.245	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	50980	19.548	ug/l	99

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

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