

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060120\
 Data File : VN061587.D
 Acq On : 1 Jun 2020 12:17
 Operator : JC/MD
 Sample : VN0601WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/2/2020 4:01:38 PM

Quant Time: Jun 02 04:06:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	325526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	540895	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	506576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	242598	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	186551	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
35) Dibromofluoromethane	7.54	113	144060	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
50) Toluene-d8	10.06	98	608767	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
62) 4-Bromofluorobenzene	12.37	95	215533	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	69474	19.208	ug/l	99
3) Chloromethane	2.03	50	71549	18.021	ug/l	98
4) Vinyl Chloride	2.16	62	94920	17.446	ug/l	100
5) Bromomethane	2.54	94	58280	18.667	ug/l	96
6) Chloroethane	2.67	64	59252	16.919	ug/l	99
7) Trichlorofluoromethane	2.98	101	113458	16.171	ug/l	100
8) Diethyl Ether	3.37	74	38160	17.787	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	58174	18.685	ug/l	98
10) Methyl Iodide	3.91	142	77710	17.980	ug/l	99
11) Tert butyl alcohol	4.72	59	48346	93.716	ug/l	99
12) 1,1-Dichloroethene	3.70	96	57702	17.347	ug/l	96
13) Acrolein	3.56	56	15860	86.028	ug/l	99
14) Allyl chloride	4.27	41	76753	17.650	ug/l	99
15) Acrylonitrile	4.92	53	125910	87.442	ug/l	99
16) Acetone	3.77	43	102037	91.530	ug/l	99
17) Carbon Disulfide	4.00	76	155358	21.229	ug/l	96
18) Methyl Acetate	4.27	43	59905	17.062	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	198652	17.523	ug/l	97
20) Methylene Chloride	4.50	84	68240	18.253	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	65571	17.480	ug/l	97
22) Diisopropyl ether	5.90	45	170999	17.841	ug/l	97
23) Vinyl Acetate	5.84	43	651005	85.220	ug/l	100
24) 1,1-Dichloroethane	5.79	63	107988	17.768	ug/l	99
25) 2-Butanone	6.78	43	151032	82.167	ug/l	96
26) 2,2-Dichloropropane	6.77	77	100748	18.111	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	77838	18.325	ug/l	99
28) Bromochloromethane	7.15	49	47855	20.141	ug/l	100
29) Tetrahydrofuran	7.16	42	99872	82.397	ug/l	100
30) Chloroform	7.32	83	122462	18.213	ug/l	99
31) Cyclohexane	7.61	56	95129	17.404	ug/l #	92
32) 1,1,1-Trichloroethane	7.53	97	108546	17.717	ug/l	98
36) 1,1-Dichloropropene	7.75	75	82801	17.292	ug/l	98
37) Ethyl Acetate	6.87	43	65384	16.953	ug/l	96
38) Carbon Tetrachloride	7.73	117	85612	18.536	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	105768	17.921	ug/l	97
40) Benzene	8.00	78	265166	17.948	ug/l	100
41) Methacrylonitrile	7.13	41	32842m	18.586	ug/l	
42) 1,2-Dichloroethane	8.08	62	90584	18.314	ug/l	100
43) Isopropyl Acetate	8.12	43	116302	16.762	ug/l	98
44) Trichloroethene	8.80	130	82370	18.141	ug/l	96
45) 1,2-Dichloropropane	9.08	63	63902	18.215	ug/l	98
46) Dibromomethane	9.17	93	48860	18.160	ug/l	99
47) Bromodichloromethane	9.37	83	99264	18.621	ug/l	100
48) Methyl methacrylate	9.16	41	49390	15.821	ug/l	98
49) 1,4-Dioxane	9.16	88	21278	439.976	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	321486	82.220	ug/l	100
52) Toluene	10.12	92	176098	18.262	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	101773	17.723	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	110772	17.940	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	69860	18.184	ug/l	98
56) Ethyl methacrylate	10.40	69	91127	16.980	ug/l	99
57) 1,3-Dichloropropane	10.68	76	110879	18.045	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	197897	86.290	ug/l	100
59) 2-Hexanone	10.72	43	226831	80.777	ug/l	98
60) Dibromochloromethane	10.87	129	80101	18.340	ug/l	100
61) 1,2-Dibromoethane	10.98	107	72217	18.024	ug/l	99
64) Tetrachloroethene	10.60	164	84469	17.714	ug/l	99
65) Chlorobenzene	11.40	112	192441	18.276	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	71009	18.111	ug/l	98
67) Ethyl Benzene	11.48	91	331335	18.205	ug/l	97
68) m/p-Xylenes	11.59	106	260243	36.063	ug/l	100
69) o-Xylene	11.92	106	122386	17.856	ug/l	99
70) Styrene	11.94	104	201470	17.750	ug/l	98
71) Bromoform	12.10	173	51845	17.160	ug/l #	97
73) Isopropylbenzene	12.22	105	326998	18.468	ug/l	99
74) N-amyl acetate	12.04	43	94576	16.961	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	85898	17.311	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	84282m	19.106	ug/l	
77) Bromobenzene	12.50	156	83343	18.440	ug/l	99
78) n-propylbenzene	12.56	91	364360	18.433	ug/l	100
79) 2-Chlorotoluene	12.65	91	214337	18.185	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	274341	18.537	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	28714	16.645	ug/l	96
82) 4-Chlorotoluene	12.74	91	225200	18.162	ug/l	100
83) tert-Butylbenzene	12.97	119	232209	17.759	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	275454	18.736	ug/l	99
85) sec-Butylbenzene	13.15	105	308775	18.326	ug/l	99
86) p-Isopropyltoluene	13.26	119	289399	18.651	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	146172	18.263	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	148766	18.246	ug/l	99
89) n-Butylbenzene	13.59	91	243612	18.744	ug/l	98
90) Hexachloroethane	13.85	117	36208	21.100	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	144746	18.924	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	15935	15.747	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	81354	18.187	ug/l	99
94) Hexachlorobutadiene	14.98	225	36383	19.071	ug/l	99
95) Naphthalene	15.10	128	238376	17.508	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	81158	18.453	ug/l	98

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

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