

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061894.D
 Acq On : 18 Jun 2020 12:50
 Operator : JC/MD
 Sample : VN0618WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 1:03:43 PM

Quant Time: Jun 19 05:47:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	148206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	255152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	240015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	112331	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	95918	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
35) Dibromofluoromethane	7.55	113	81935	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
50) Toluene-d8	10.06	98	309538	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
62) 4-Bromofluorobenzene	12.38	95	102097	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	38112	19.940	ug/l	98
3) Chloromethane	2.03	50	41618	20.231	ug/l	99
4) Vinyl Chloride	2.16	62	53042	21.628	ug/l	99
5) Bromomethane	2.53	94	37586	19.958	ug/l	96
6) Chloroethane	2.67	64	36091	21.745	ug/l	98
7) Trichlorofluoromethane	2.98	101	61694	21.060	ug/l	95
8) Diethyl Ether	3.37	74	19887	20.194	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	31287	20.818	ug/l	99
10) Methyl Iodide	3.91	142	34079	22.109	ug/l	99
11) Tert butyl alcohol	4.74	59	25465	92.582	ug/l	99
12) 1,1-Dichloroethene	3.69	96	30668	20.366	ug/l	97
13) Acrolein	3.57	56	12689	77.188	ug/l	100
14) Allyl chloride	4.27	41	35588	17.807	ug/l	95
15) Acrylonitrile	4.93	53	69510	101.991	ug/l	100
16) Acetone	3.78	43	56677	96.534	ug/l	98
17) Carbon Disulfide	4.01	76	84701	19.224	ug/l	98
18) Methyl Acetate	4.28	43	33386	19.751	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	97423	19.431	ug/l	98
20) Methylene Chloride	4.50	84	36098	18.872	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	34002	19.658	ug/l	95
22) Diisopropyl ether	5.90	45	87926	19.236	ug/l	98
23) Vinyl Acetate	5.84	43	344566	95.846	ug/l	99
24) 1,1-Dichloroethane	5.80	63	58666	19.607	ug/l	98
25) 2-Butanone	6.79	43	84087	98.163	ug/l	94
26) 2,2-Dichloropropane	6.77	77	49781	19.775	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	38492	19.287	ug/l	99
28) Bromochloromethane	7.15	49	25828	19.387	ug/l	94
29) Tetrahydrofuran	7.17	42	56559	100.328	ug/l	99
30) Chloroform	7.33	83	62504	19.546	ug/l	98
31) Cyclohexane	7.61	56	49271	18.810	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	54146	19.882	ug/l	99
36) 1,1-Dichloropropene	7.75	75	46308	19.898	ug/l	98
37) Ethyl Acetate	6.88	43	36162	19.898	ug/l	98
38) Carbon Tetrachloride	7.73	117	47078	20.427	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	49504	19.754	ug/l	99
40) Benzene	8.00	78	139959	19.853	ug/l	100
41) Methacrylonitrile	7.13	41	15053m	19.370	ug/l	
42) 1,2-Dichloroethane	8.09	62	48229	20.064	ug/l	99
43) Isopropyl Acetate	8.13	43	59561	19.447	ug/l #	90
44) Trichloroethene	8.80	130	37883	20.418	ug/l	97
45) 1,2-Dichloropropane	9.09	63	34086	19.674	ug/l	100
46) Dibromomethane	9.18	93	24684	20.233	ug/l	98
47) Bromodichloromethane	9.37	83	49026	19.625	ug/l	99
48) Methyl methacrylate	9.17	41	26673	19.151	ug/l	98
49) 1,4-Dioxane	9.17	88	12837	401.443	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	180329	99.637	ug/l	100
52) Toluene	10.12	92	90491	20.438	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	51664	19.481	ug/l	94
54) cis-1,3-Dichloropropene	9.81	75	57012	19.793	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	35346	20.290	ug/l	97
56) Ethyl methacrylate	10.40	69	45033	18.844	ug/l	100
57) 1,3-Dichloropropane	10.68	76	58818	19.930	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	79857	86.861	ug/l	97
59) 2-Hexanone	10.72	43	128449	97.479	ug/l	99
60) Dibromochloromethane	10.87	129	39396	20.267	ug/l	100
61) 1,2-Dibromoethane	10.98	107	36694	20.173	ug/l	98
64) Tetrachloroethene	10.60	164	30674	20.051	ug/l	98
65) Chlorobenzene	11.41	112	96716	19.097	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	34766	19.683	ug/l	97
67) Ethyl Benzene	11.48	91	162728	19.164	ug/l	99
68) m/p-Xylenes	11.59	106	127268	38.869	ug/l	100
69) o-Xylene	11.92	106	60781	19.455	ug/l	99
70) Styrene	11.94	104	101366	19.378	ug/l	100
71) Bromoform	12.10	173	24507	19.028	ug/l #	98
73) Isopropylbenzene	12.22	105	160934	20.161	ug/l	99
74) N-amyl acetate	12.05	43	46900	18.294	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	51642	19.899	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	45547m	20.653	ug/l	
77) Bromobenzene	12.50	156	39560	19.644	ug/l	99
78) n-propylbenzene	12.56	91	177822	19.523	ug/l	99
79) 2-Chlorotoluene	12.65	91	105971	19.372	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	132754	20.102	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	15632	19.333	ug/l	99
82) 4-Chlorotoluene	12.75	91	110309	19.515	ug/l	100
83) tert-Butylbenzene	12.97	119	109453	19.550	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	129185	19.817	ug/l	97
85) sec-Butylbenzene	13.15	105	145620	19.872	ug/l	99
86) p-Isopropyltoluene	13.26	119	131815	20.186	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	72220	19.663	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	70641	18.789	ug/l	97
89) n-Butylbenzene	13.59	91	100495	18.428	ug/l	99
90) Hexachloroethane	13.85	117	22499	18.823	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	67921	19.208	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	8369	19.864	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	29617	17.750	ug/l	98
94) Hexachlorobutadiene	14.98	225	12949	19.704	ug/l	98
95) Naphthalene	15.10	128	84964	17.630	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	30553	18.489	ug/l	99

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

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