

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061919.D
 Acq On : 19 Jun 2020 00:05
 Operator : JC/MD
 Sample : VN0618WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 1:02:32 PM

Quant Time: Jun 19 07:07:14 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	148783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	263577	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	245602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	111444	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	97212	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
35) Dibromofluoromethane	7.55	113	82772	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
50) Toluene-d8	10.06	98	315794	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
62) 4-Bromofluorobenzene	12.38	95	103605	45.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	37566	19.583	ug/l	99
3) Chloromethane	2.03	50	41037	19.871	ug/l	99
4) Vinyl Chloride	2.16	62	50866	20.661	ug/l	100
5) Bromomethane	2.53	94	36224	19.160	ug/l	96
6) Chloroethane	2.67	64	33952	20.377	ug/l	98
7) Trichlorofluoromethane	2.98	101	60711	20.645	ug/l	95
8) Diethyl Ether	3.37	74	20393	20.627	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	30616	20.293	ug/l	97
10) Methyl Iodide	3.91	142	34522	22.261	ug/l	100
11) Tert butyl alcohol	4.74	59	24777	89.732	ug/l	99
12) 1,1-Dichloroethene	3.70	96	30350	20.077	ug/l	99
13) Acrolein	3.57	56	12230	74.107	ug/l	96
14) Allyl chloride	4.28	41	38664	19.271	ug/l	99
15) Acrylonitrile	4.93	53	69877	102.131	ug/l	99
16) Acetone	3.78	43	56052	95.099	ug/l	98
17) Carbon Disulfide	4.01	76	84652	19.138	ug/l	98
18) Methyl Acetate	4.28	43	34172	20.138	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	99416	19.752	ug/l	100
20) Methylene Chloride	4.50	84	37589	19.575	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	34262	19.732	ug/l	99
22) Diisopropyl ether	5.90	45	90658	19.757	ug/l	99
23) Vinyl Acetate	5.84	43	347132	96.185	ug/l	100
24) 1,1-Dichloroethane	5.80	63	59761	19.895	ug/l	100
25) 2-Butanone	6.79	43	85475	99.396	ug/l	100
26) 2,2-Dichloropropane	6.78	77	40038	15.843	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	39235	19.583	ug/l	97
28) Bromochloromethane	7.15	49	27037	20.215	ug/l	97
29) Tetrahydrofuran	7.17	42	56226	99.351	ug/l	99
30) Chloroform	7.33	83	62299	19.406	ug/l	98
31) Cyclohexane	7.61	56	48974	18.624	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	54479	19.927	ug/l	100
36) 1,1-Dichloropropene	7.75	75	45323	18.852	ug/l	100
37) Ethyl Acetate	6.88	43	35853	19.097	ug/l	97
38) Carbon Tetrachloride	7.73	117	45521	19.120	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	47594	18.385	ug/l	100
40) Benzene	8.00	78	140226	19.255	ug/l	99
41) Methacrylonitrile	7.13	41	16655m	20.746	ug/l	
42) 1,2-Dichloroethane	8.08	62	48399	19.491	ug/l	99
43) Isopropyl Acetate	8.12	43	60429	19.100	ug/l #	90
44) Trichloroethene	8.80	130	37139	19.378	ug/l	99
45) 1,2-Dichloropropane	9.08	63	34866	19.481	ug/l	97
46) Dibromomethane	9.17	93	24411	19.369	ug/l	99
47) Bromodichloromethane	9.37	83	49830	19.309	ug/l	98
48) Methyl methacrylate	9.17	41	27493	19.108	ug/l	98
49) 1,4-Dioxane	9.17	88	12518	378.954	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	179701	96.117	ug/l	100
52) Toluene	10.12	92	90382	19.761	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	49734	18.154	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	56469	18.977	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	36493	20.279	ug/l	98
56) Ethyl methacrylate	10.40	69	44578	18.179	ug/l	98
57) 1,3-Dichloropropane	10.68	76	60186	19.742	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	77964	82.091	ug/l	99
59) 2-Hexanone	10.72	43	128312	94.704	ug/l	99
60) Dibromochloromethane	10.88	129	39378	19.611	ug/l	98
61) 1,2-Dibromoethane	10.98	107	36588	19.471	ug/l	99
64) Tetrachloroethene	10.60	164	30756	19.648	ug/l	98
65) Chlorobenzene	11.41	112	98133	18.936	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	35142	19.443	ug/l	98
67) Ethyl Benzene	11.48	91	165316	19.026	ug/l	99
68) m/p-Xylenes	11.60	106	127968	38.194	ug/l	98
69) o-Xylene	11.92	106	61133	19.123	ug/l	100
70) Styrene	11.94	104	100178	18.715	ug/l	100
71) Bromoform	12.10	173	25208	19.128	ug/l #	99
73) Isopropylbenzene	12.22	105	159416	20.130	ug/l	99
74) N-amyl acetate	12.05	43	48361	18.893	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	52300	20.313	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	41789m	19.100	ug/l	
77) Bromobenzene	12.50	156	39626	19.833	ug/l	99
78) n-propylbenzene	12.57	91	179207	19.832	ug/l	100
79) 2-Chlorotoluene	12.65	91	108058	19.911	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	131282	20.037	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	14168	17.662	ug/l	97
82) 4-Chlorotoluene	12.75	91	112022	19.976	ug/l	100
83) tert-Butylbenzene	12.97	119	112267	20.212	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	131526	20.336	ug/l	99
85) sec-Butylbenzene	13.15	105	141312	19.437	ug/l	99
86) p-Isopropyltoluene	13.26	119	128301	19.805	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	69619	19.105	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	70630	18.936	ug/l	99
89) n-Butylbenzene	13.59	91	95766	17.701	ug/l	99
90) Hexachloroethane	13.85	117	23526	19.839	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	71050	20.253	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	8412	20.125	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	29276	17.685	ug/l	99
94) Hexachlorobutadiene	14.98	225	12120	18.590	ug/l	95
95) Naphthalene	15.10	128	85706	17.867	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	31262	19.069	ug/l	97

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

