

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082219\
 Data File : VN057437.D
 Acq On : 22 Aug 2019 17:01
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 8/23/2019 2:39:58 PM

Quant Time: Aug 23 04:30:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 04:20:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	391432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	707015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	557354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	131602	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	4608	1.278 ug/l	84
3) Chloromethane	2.05	50	8115	1.853 ug/l #	84
4) Vinyl Chloride	2.17	62	8996	2.029 ug/l	94
6) Chloroethane	2.69	64	5946	2.008 ug/l #	79
7) Trichlorofluoromethane	3.00	101	14463	2.111 ug/l	87
8) Diethyl Ether	3.39	74	6039	2.359 ug/l	83
9) 1,1,2-Trichlorotrifluoroet	3.73	101	8971	2.291 ug/l	94
12) 1,1-Dichloroethene	3.71	96	7264	1.863 ug/l	94
14) Allyl chloride	4.30	41	12786m	2.111 ug/l	
15) Acrylonitrile	4.97	53	11465	6.584 ug/l #	59
16) Acetone	3.79	43	30866	19.533 ug/l #	86
17) Carbon Disulfide	4.02	76	15968	1.648 ug/l #	85
18) Methyl Acetate	4.30	43	14137	2.208 ug/l	95
19) Methyl tert-butyl Ether	5.03	73	20002m	1.741 ug/l	
20) Methylene Chloride	4.52	84	6931	1.631 ug/l	92
21) trans-1,2-Dichloroethene	5.01	96	5899	1.547 ug/l	81
22) Diisopropyl ether	5.93	45	20744	1.714 ug/l #	89
23) Vinyl Acetate	5.88	43	75752	7.860 ug/l	96
24) 1,1-Dichloroethane	5.82	63	11465m	1.600 ug/l	
25) 2-Butanone	6.83	43	18382	7.921 ug/l	99
26) 2,2-Dichloropropane	6.81	77	11095	1.900 ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	6376	1.408 ug/l	91
28) Bromochloromethane	7.18	49	5229	1.533 ug/l #	70
29) Tetrahydrofuran	7.20	42	12273	8.253 ug/l #	72
30) Chloroform	7.36	83	14979	2.020 ug/l #	73
32) 1,1,1-Trichloroethane	7.55	97	10168	1.630 ug/l #	53
36) 1,1-Dichloropropene	7.78	75	8265	1.299 ug/l	84
37) Ethyl Acetate	6.93	43	7474	1.396 ug/l #	94
38) Carbon Tetrachloride	7.76	117	8755	1.337 ug/l	90
39) Methylcyclohexane	9.07	83	9040	1.211 ug/l	96
40) Benzene	8.03	78	25327	1.309 ug/l	98
41) Methacrylonitrile	7.16	41	3440	1.408 ug/l #	69
42) 1,2-Dichloroethane	8.12	62	10161	1.546 ug/l	82
43) Isopropyl Acetate	8.16	43	14883	1.293 ug/l #	78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.83	130	5300	1.004	ug/l	80
45) 1,2-Dichloropropane	9.11	63	7101	1.405	ug/l #	84
46) Dibromomethane	9.20	93	5099	1.528	ug/l	89
47) Bromodichloromethane	9.39	83	9694	1.454	ug/l	95
48) Methyl methacrylate	9.19	41	7100	1.583	ug/l #	82
49) 1,4-Dioxane	9.20	88	1709	19.904	ug/l #	69
51) 4-Methyl-2-Pentanone	9.98	43	38458	6.921	ug/l	98
52) Toluene	10.15	92	12933	1.086	ug/l	88
53) t-1,3-Dichloropropene	10.38	75	9435	1.314	ug/l	95
54) cis-1,3-Dichloropropene	9.83	75	11193	1.418	ug/l	91
55) 1,1,2-Trichloroethane	10.57	97	6116m	1.307	ug/l	
56) Ethyl methacrylate	10.43	69	7504	1.082	ug/l #	79
57) 1,3-Dichloropropane	10.71	76	9721	1.228	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.69	63	6812	3.828	ug/l	99
59) 2-Hexanone	10.75	43	26168	6.629	ug/l	97
60) Dibromochloromethane	10.90	129	5767	1.110	ug/l	98
61) 1,2-Dibromoethane	11.00	107	5284	1.067	ug/l	98
64) Tetrachloroethene	10.62	164	4703	1.007	ug/l	91
65) Chlorobenzene	11.43	112	13314	1.181	ug/l #	85
66) 1,1,1,2-Tetrachloroethane	11.51	131	5440	1.262	ug/l #	64
67) Ethyl Benzene	11.51	91	25580	1.270	ug/l	96
68) m/p-Xylenes	11.62	106	15285	2.085	ug/l	87
69) o-Xylene	11.94	106	7687	1.067	ug/l	97
70) Styrene	11.96	104	10726	0.933	ug/l #	86
71) Bromoform	12.13	173	3328	1.001	ug/l #	90
73) Isopropylbenzene	12.25	105	21377	1.656	ug/l	97
74) N-amyl acetate	12.07	43	8887	2.135	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	6535	1.732	ug/l	97
76) 1,2,3-Trichloropropane	12.56	75	3243m	1.002	ug/l	
77) Bromobenzene	12.53	156	4082	1.254	ug/l	88
78) n-propylbenzene	12.59	91	20590	1.584	ug/l	99
79) 2-Chlorotoluene	12.67	91	12005	1.446	ug/l	85
80) 1,3,5-Trimethylbenzene	12.73	105	15910	1.533	ug/l	98
82) 4-Chlorotoluene	12.77	91	11195	1.460	ug/l	94
83) tert-Butylbenzene	13.00	119	15221	1.594	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	10973	1.138	ug/l	97
85) sec-Butylbenzene	13.17	105	15866	1.374	ug/l	99
86) p-Isopropyltoluene	13.29	119	11549	1.178	ug/l	92
87) 1,3-Dichlorobenzene	13.29	146	4989	1.099	ug/l #	83
88) 1,4-Dichlorobenzene	13.37	146	4940	1.138	ug/l #	53
89) n-Butylbenzene	13.62	91	9003	1.249	ug/l	98
90) Hexachloroethane	13.88	117	3342	1.633	ug/l	95
91) 1,2-Dichlorobenzene	13.66	146	4389	1.034	ug/l	90
92) 1,2-Dibromo-3-Chloropropan	14.28	75	966m	1.943	ug/l	
93) 1,2,4-Trichlorobenzene	14.91	180	1723	1.217	ug/l	86
94) Hexachlorobutadiene	15.01	225	1721	0.919	ug/l	96
95) Naphthalene	15.13	128	5846	1.773	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.30	180	2120	1.558	ug/l #	57

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

