

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072719\
 Data File : VN056938.D
 Acq On : 26 Jul 2019 8:51
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 8/2/2019 9:12:59 AM

Quant Time: Jul 27 00:36:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 23:57:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	489004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	726547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	593377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	159876	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	4025	0.780	ug/l	97
3) Chloromethane	2.05	50	5909	0.961	ug/l	94
4) Vinyl Chloride	2.18	62	5255	0.902	ug/l	99
6) Chloroethane	2.69	64	3066	0.950	ug/l	94
7) Trichlorofluoromethane	3.00	101	6931	0.912	ug/l	98
8) Diethyl Ether	3.39	74	2525	0.888	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.73	101	4199m	0.895	ug/l	
12) 1,1-Dichloroethene	3.72	96	4001	0.887	ug/l	92
14) Allyl chloride	4.30	41	6047	0.825	ug/l	95
15) Acrylonitrile	4.98	53	7523	3.617	ug/l	92
16) Acetone	3.81	43	9185	5.297	ug/l #	86
17) Carbon Disulfide	4.03	76	11298	0.934	ug/l	98
18) Methyl Acetate	4.32	43	6816	1.131	ug/l #	75
19) Methyl tert-butyl Ether	5.03	73	11281m	0.847	ug/l	
20) Methylene Chloride	4.54	84	6239	1.161	ug/l	95
21) trans-1,2-Dichloroethene	5.02	96	4256	0.882	ug/l	86
22) Diisopropyl ether	5.94	45	13345	0.897	ug/l #	87
23) Vinyl Acetate	5.88	43	39010	3.784	ug/l	96
24) 1,1-Dichloroethane	5.83	63	8407	0.960	ug/l	97
25) 2-Butanone	6.83	43	10305	3.873	ug/l	96
26) 2,2-Dichloropropane	6.81	77	6492	1.008	ug/l	76
27) cis-1,2-Dichloroethene	6.81	96	5659	1.028	ug/l	92
28) Bromochloromethane	7.17	49	3941	0.981	ug/l #	61
29) Tetrahydrofuran	7.20	42	7035	4.042	ug/l	93
30) Chloroform	7.36	83	10026	1.112	ug/l	88
32) 1,1,1-Trichloroethane	7.55	97	6566	0.911	ug/l #	48
36) 1,1-Dichloropropene	7.78	75	5984	0.913	ug/l	85
37) Ethyl Acetate	6.93	43	3985	0.740	ug/l #	89
38) Carbon Tetrachloride	7.76	117	5591	0.896	ug/l	85
39) Methylcyclohexane	9.07	83	7202	0.898	ug/l	90
40) Benzene	8.02	78	18376	0.902	ug/l	97
41) Methacrylonitrile	7.16	41	2057	0.859	ug/l #	75
42) 1,2-Dichloroethane	8.11	62	6526	1.039	ug/l	93
43) Isopropyl Acetate	8.16	43	6960	0.790	ug/l #	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.82	130	5120	0.925	ug/l	98
45) 1,2-Dichloropropane	9.10	63	5046	0.924	ug/l	96
46) Dibromomethane	9.19	93	2791	0.846	ug/l	84
47) Bromodichloromethane	9.39	83	5547	0.861	ug/l	93
48) Methyl methacrylate	9.19	41	3405	0.810	ug/l	86
49) 1,4-Dioxane	9.19	88	1645	18.904	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	20433	3.903	ug/l	97
52) Toluene	10.15	92	9958	0.817	ug/l	90
53) t-1,3-Dichloropropene	10.37	75	5234	0.803	ug/l	92
54) cis-1,3-Dichloropropene	9.83	75	6093	0.797	ug/l	95
55) 1,1,2-Trichloroethane	10.55	97	4480	0.913	ug/l	97
56) Ethyl methacrylate	10.42	69	4486	0.678	ug/l #	88
57) 1,3-Dichloropropane	10.70	76	7274	0.908	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	14016	5.333	ug/l	98
59) 2-Hexanone	10.74	43	13367	3.716	ug/l	91
60) Dibromochloromethane	10.89	129	3906	0.780	ug/l	100
61) 1,2-Dibromoethane	11.00	107	3660	0.754	ug/l	89
64) Tetrachloroethene	10.62	164	5813	1.097	ug/l	95
65) Chlorobenzene	11.42	112	11930	0.975	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.50	131	4634	1.014	ug/l #	59
67) Ethyl Benzene	11.50	91	19457	0.923	ug/l	96
68) m/p-Xylenes	11.61	106	13452	1.714	ug/l	96
69) o-Xylene	11.94	106	6906	0.899	ug/l	96
70) Styrene	11.96	104	8637	0.710	ug/l	99
71) Bromoform	12.12	173	2640	0.823	ug/l #	91
73) Isopropylbenzene	12.24	105	16155	1.127	ug/l	93
74) N-amyl acetate	12.07	43	4233	1.000	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.50	83	5330	1.276	ug/l	95
76) 1,2,3-Trichloropropane	12.55	75	3874m	1.238	ug/l	
77) Bromobenzene	12.53	156	4296	1.171	ug/l	93
78) n-propylbenzene	12.59	91	16228	1.072	ug/l	97
79) 2-Chlorotoluene	12.67	91	10726	1.138	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	12389	1.047	ug/l	98
82) 4-Chlorotoluene	12.77	91	8637	0.998	ug/l	96
83) tert-Butylbenzene	12.99	119	11866	1.137	ug/l	96
84) 1,2,4-Trimethylbenzene	13.03	105	11187	1.000	ug/l	99
85) sec-Butylbenzene	13.17	105	14028	1.064	ug/l	99
86) p-Isopropyltoluene	13.28	119	11838	1.015	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	5614	1.024	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	5516m	1.048	ug/l	
89) n-Butylbenzene	13.61	91	8129	0.902	ug/l	94
90) Hexachloroethane	13.87	117	2228	1.072	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	5529	0.995	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	14.27	75	593	1.040	ug/l #	60
93) 1,2,4-Trichlorobenzene	14.91	180	1655	0.714	ug/l	90
94) Hexachlorobutadiene	15.00	225	2965	1.315	ug/l	99
95) Naphthalene	15.12	128	3125	0.541	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.29	180	1882	0.756	ug/l	86

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

