

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112719\
 Data File : VN059425.D
 Acq On : 27 Nov 2019 15:21
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

apatel
 12/2/2019 10:08:59 AM

Quant Time: Nov 27 16:38:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112719W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 16:27:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	363473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	568854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	486361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	189349	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	3646	0.852	ug/l	96
3) Chloromethane	2.04	50	5026	0.962	ug/l	93
4) Vinyl Chloride	2.17	62	4691	0.934	ug/l	98
6) Chloroethane	2.69	64	2605	0.925	ug/l #	84
7) Trichlorofluoromethane	3.00	101	5809	0.971	ug/l	95
8) Diethyl Ether	3.38	74	2315m	0.951	ug/l	
9) 1,1,2-Trichlorotrifluoroet	3.73	101	3626	0.984	ug/l #	72
12) 1,1-Dichloroethene	3.71	96	3347	0.928	ug/l	94
14) Allyl chloride	4.29	41	6192	0.925	ug/l #	92
15) Acrylonitrile	4.96	53	8167	3.974	ug/l #	55
16) Acetone	3.80	43	9352	4.611	ug/l	93
17) Carbon Disulfide	4.03	76	14694	1.187	ug/l	99
18) Methyl Acetate	4.31	43	5857	1.060	ug/l #	89
19) Methyl tert-butyl Ether	5.02	73	9954	0.856	ug/l #	91
20) Methylene Chloride	4.53	84	3961	0.961	ug/l	96
21) trans-1,2-Dichloroethene	5.02	96	3707	0.943	ug/l	94
22) Diisopropyl ether	5.93	45	10526	0.847	ug/l #	71
23) Vinyl Acetate	5.88	43	41142	4.101	ug/l	96
24) 1,1-Dichloroethane	5.82	63	6312	0.882	ug/l #	84
25) 2-Butanone	6.82	43	11181	4.007	ug/l	97
26) 2,2-Dichloropropane	6.80	77	5670	0.931	ug/l	91
27) cis-1,2-Dichloroethene	6.81	96	3881	0.903	ug/l	96
28) Bromochloromethane	7.18	49	1125	0.455	ug/l #	94
29) Tetrahydrofuran	7.20	42	8002	4.312	ug/l	95
30) Chloroform	7.35	83	8052	1.118	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	5281	0.897	ug/l #	48
36) 1,1-Dichloropropene	7.78	75	4959	0.907	ug/l	97
37) Ethyl Acetate	6.91	43	5248	0.907	ug/l #	86
38) Carbon Tetrachloride	7.75	117	4284	0.830	ug/l	86
39) Methylcyclohexane	9.07	83	5246	0.802	ug/l	98
40) Benzene	8.03	78	14784	0.910	ug/l	100
41) Methacrylonitrile	7.16	41	2292	0.839	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	4564	0.886	ug/l	92
43) Isopropyl Acetate	8.15	43	7073	0.804	ug/l #	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.82	130	3862	0.933	ug/l	98
45) 1,2-Dichloropropane	9.10	63	3686	0.868	ug/l	94
46) Dibromomethane	9.20	93	2248	0.857	ug/l	95
47) Bromodichloromethane	9.39	83	4798	0.905	ug/l	96
48) Methyl methacrylate	9.19	41	3308	0.848	ug/l	90
49) 1,4-Dioxane	9.20	88	942	16.534	ug/l #	81
51) 4-Methyl-2-Pentanone	9.98	43	20455	4.011	ug/l	99
52) Toluene	10.15	92	8559	0.882	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	5097	0.837	ug/l #	77
54) cis-1,3-Dichloropropene	9.83	75	5163	0.785	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	3443	0.907	ug/l	91
56) Ethyl methacrylate	10.42	69	3820	0.690	ug/l #	84
57) 1,3-Dichloropropane	10.71	76	5670	0.864	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	5242	3.221	ug/l	97
59) 2-Hexanone	10.75	43	14127	3.736	ug/l	99
60) Dibromochloromethane	10.90	129	2961	0.747	ug/l	88
61) 1,2-Dibromoethane	11.00	107	3220	0.827	ug/l	93
64) Tetrachloroethene	10.63	164	3666	1.019	ug/l	98
65) Chlorobenzene	11.43	112	9628	0.978	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.51	131	3154	0.883	ug/l #	60
67) Ethyl Benzene	11.51	91	15355	0.888	ug/l	100
68) m/p-Xylenes	11.62	106	11119	1.722	ug/l	98
69) o-Xylene	11.95	106	5348	0.864	ug/l	99
70) Styrene	11.97	104	7329	0.755	ug/l	98
71) Bromoform	12.12	173	2028	0.746	ug/l #	99
73) Isopropylbenzene	12.25	105	13758	0.981	ug/l	99
74) N-amyl acetate	12.07	43	3877	0.735	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	4593	1.004	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	4657m	1.065	ug/l	
77) Bromobenzene	12.53	156	3351	0.976	ug/l	88
78) n-propylbenzene	12.59	91	15823	0.979	ug/l	100
79) 2-Chlorotoluene	12.68	91	9591	0.992	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	11127	0.944	ug/l	96
82) 4-Chlorotoluene	12.78	91	9894	0.994	ug/l	99
83) tert-Butylbenzene	12.99	119	9804	0.968	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	10640	0.921	ug/l	99
85) sec-Butylbenzene	13.17	105	12452	0.926	ug/l	99
86) p-Isopropyltoluene	13.29	119	11795	0.970	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	6057	0.995	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	6464m	1.058	ug/l	
89) n-Butylbenzene	13.62	91	10078	0.948	ug/l	96
90) Hexachloroethane	13.88	117	2390	1.029	ug/l	80
91) 1,2-Dichlorobenzene	13.66	146	6414	1.076	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.28	75	1531	1.474	ug/l	55
93) 1,2,4-Trichlorobenzene	14.91	180	4382	1.182	ug/l	98
94) Hexachlorobutadiene	15.01	225	2838	1.249	ug/l	96
95) Naphthalene	15.13	128	15701	1.499	ug/l	96
96) 1,2,3-Trichlorobenzene	15.30	180	5649	1.431	ug/l	91

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

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