

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112719\
 Data File : VN059418.D
 Acq On : 27 Nov 2019 12:39
 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

apatel
 12/2/2019 10:08:40 AM

Quant Time: Nov 27 16:36:25 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	7.64	168	293525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	459546	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	403706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	165106	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	1.83	85	4729	1.369	ug/l	98
3) Chloromethane	2.04	50	7403	1.754	ug/l	95
4) Vinyl Chloride	2.17	62	6788	1.674	ug/l	97
6) Chloroethane	2.69	64	3548	1.560	ug/l	100
7) Trichlorofluoromethane	3.00	101	7469	1.546	ug/l	91
8) Diethyl Ether	3.39	74	2863	1.456	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.74	101	4678	1.573	ug/l	96
12) 1,1-Dichloroethene	3.71	96	4618	1.585	ug/l	87
14) Allyl chloride	4.29	41	9149	1.693	ug/l	94
15) Acrylonitrile	4.96	53	12720	7.664	ug/l	95
16) Acetone	3.80	43	13994	8.543	ug/l	95
17) Carbon Disulfide	4.03	76	16827	1.683	ug/l	95
18) Methyl Acetate	4.30	43	8546	1.916	ug/l	98
19) Methyl tert-butyl Ether	5.02	73	14016	1.493	ug/l	92
20) Methylene Chloride	4.52	84	5986	1.798	ug/l #	93
21) trans-1,2-Dichloroethene	5.01	96	5007	1.577	ug/l	99
22) Diisopropyl ether	5.92	45	15035	1.497	ug/l	89
23) Vinyl Acetate	5.87	43	58435	7.214	ug/l	98
24) 1,1-Dichloroethane	5.82	63	9650	1.670	ug/l	97
25) 2-Butanone	6.81	43	16526	7.334	ug/l	92
26) 2,2-Dichloropropane	6.80	77	7898	1.606	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	5736	1.652	ug/l	97
28) Bromochloromethane	7.17	49	1296	0.649	ug/l #	84
29) Tetrahydrofuran	7.19	42	11166	7.450	ug/l	98
30) Chloroform	7.35	83	11113	1.912	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	7412	1.559	ug/l	98
36) 1,1-Dichloropropene	7.77	75	6881	1.557	ug/l	96
37) Ethyl Acetate	6.91	43	7351	1.572	ug/l #	79
38) Carbon Tetrachloride	7.75	117	6263	1.502	ug/l	97
39) Methylcyclohexane	9.06	83	8282	1.566	ug/l	97
40) Benzene	8.02	78	21095	1.608	ug/l	96
41) Methacrylonitrile	7.14	41	2213	1.002	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	6865	1.650	ug/l	92
43) Isopropyl Acetate	8.15	43	10743	1.512	ug/l #	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.82	130	5305	1.586	ug/l	98
45) 1,2-Dichloropropane	9.10	63	5416	1.578	ug/l	97
46) Dibromomethane	9.19	93	2904	1.371	ug/l	90
47) Bromodichloromethane	9.39	83	6743	1.574	ug/l	97
48) Methyl methacrylate	9.19	41	4708	1.494	ug/l	93
49) 1,4-Dioxane	9.19	88	1479	32.135	ug/l #	77
51) 4-Methyl-2-Pentanone	9.97	43	28482	6.913	ug/l	97
52) Toluene	10.15	92	11806	1.506	ug/l	93
53) t-1,3-Dichloropropene	10.38	75	7156	1.454	ug/l #	78
54) cis-1,3-Dichloropropene	9.83	75	7651	1.440	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	4819	1.571	ug/l	95
56) Ethyl methacrylate	10.43	69	5908	1.320	ug/l	92
57) 1,3-Dichloropropane	10.70	76	8242	1.554	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	5991	4.557	ug/l	95
59) 2-Hexanone	10.75	43	23016	7.534	ug/l	93
60) Dibromochloromethane	10.90	129	5041	1.574	ug/l	91
61) 1,2-Dibromoethane	11.00	107	4840	1.539	ug/l	97
64) Tetrachloroethene	10.63	164	5016	1.680	ug/l	93
65) Chlorobenzene	11.43	112	12999	1.591	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	4553	1.536	ug/l #	56
67) Ethyl Benzene	11.51	91	22729	1.583	ug/l	99
68) m/p-Xylenes	11.62	106	16623	3.101	ug/l	100
69) o-Xylene	11.95	106	7776	1.513	ug/l	96
70) Styrene	11.96	104	11044	1.371	ug/l	97
71) Bromoform	12.13	173	3100	1.374	ug/l #	93
73) Isopropylbenzene	12.25	105	20256	1.656	ug/l	97
74) N-amyl acetate	12.07	43	7497	1.630	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	7042	1.765	ug/l	93
76) 1,2,3-Trichloropropane	12.55	75	6768m	1.775	ug/l	
77) Bromobenzene	12.53	156	5294	1.768	ug/l	94
78) n-propylbenzene	12.59	91	23820	1.690	ug/l	97
79) 2-Chlorotoluene	12.68	91	14581	1.730	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	16330	1.588	ug/l	98
82) 4-Chlorotoluene	12.78	91	15254	1.758	ug/l	98
83) tert-Butylbenzene	12.99	119	15122	1.713	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	16175	1.606	ug/l	99
85) sec-Butylbenzene	13.17	105	20097	1.714	ug/l	99
86) p-Isopropyltoluene	13.29	119	18156	1.713	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	9934	1.872	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	9838	1.846	ug/l	82
89) n-Butylbenzene	13.62	91	16414	1.772	ug/l	98
90) Hexachloroethane	13.88	117	3300	1.629	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	9577	1.842	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1645	1.816	ug/l	76
93) 1,2,4-Trichlorobenzene	14.91	180	7232	2.237	ug/l	96
94) Hexachlorobutadiene	15.01	225	4360	2.201	ug/l	98
95) Naphthalene	15.13	128	26271	2.876	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	8323	2.417	ug/l	94

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

