Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021220\
Data File : BN009711.D
Acq On : 12 Feb 2020 13:36
Operator : CG/JU
Sample : SSTD00554
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD00554

Quant Time: Feb 12 17:42:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 12 17:23:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	96864	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	386837	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	244006	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	522433	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	521276	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	579422	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	5052	2.23	ng/uL	0.01
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	6.96	132	29634	4.83	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.56	128	12970	4.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	13512	4.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	26698	4.53	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.49	166	90447	5.05	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	101495	4.76	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.06	176	77714	5.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	16.92	188	122643	5.18	ng/ul	0.00
79) Pyrene-d10	19.22	212	128627	4.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.01	264	136425	4.70	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	6236	2.376	ng/uL	89
10) 2-Chlorophenol	6.99	128	31286	4.872	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.23	70	25869	4.617	ng/ul#	89
17) Hexachloroethane	8.47	117	14880	5.105	ng/ul	92
20) Nitrobenzene	8.61	77	41561	5.074	ng/ul	98
21) Isophorone	9.13	82	68610	4.646	ng/ul	99
23) 2-Nitrophenol	9.31	139	15291	4.444	ng/ul	91
24) 2,4-Dimethylphenol	9.38	107	36061	4.858	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.62	93	44003	4.973	ng/ul	95
27) 2,4-Dichlorophenol	9.84	162	27761	4.565	ng/ul	95
28) Naphthalene	10.22	128	106064	5.164	ng/ul	98
31) Hexachlorobutadiene	10.50	225	20180	5.170	ng/ul#	88
33) 4-Chloro-3-methylphenol	11.49	107	30507	4.379	ng/ul	93
34) 2-Methylnaphthalene	11.84	142	69661	4.880	ng/ul	95
35) 1-Methylnaphthalene	12.06	142	72161	5.088	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	37327	5.368	ng/ul	96
39) 2,4,6-Trichlorophenol	12.48	196	21572	4.787	ng/ul	94
40) 2,4,5-Trichlorophenol	12.56	196	22147	4.534	ng/ul	94
41) 1,1'-Biphenyl	12.88	154	95333	5.269	ng/ul	96
42) 2-Chloronaphthalene	12.92	162	75571	5.227	ng/ul	97
43) 2-Nitroaniline	13.15	65	22908	4.218	ng/ul	95
45) Dimethylphthalate	13.53	163	94988	5.044	ng/ul	99
46) 2,6-Dinitrotoluene	13.66	165	14929	3.989	ng/ul#	90

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
48) Acenaphthylene	13.78	152	111004	4.815 ng/ul	97
50) Acenaphthene	14.12	153	79550	5.096 ng/ul	96
54) Dibenzofuran	14.46	168	114295	5.301 ng/ul	90
55) 2,4-Dinitrotoluene	14.46	165	23445	4.214 ng/ul	83
56) 2,3,4,6-Tetrachlorophenol	14.70	232	19193	4.525 ng/ul#	97
57) Diethylphthalate	14.92	149	95403	4.980 ng/ul	99
59) Fluorene	15.12	166	94250	5.203 ng/ul	96
60) 4-Chlorophenyl-phenylether	15.12	204	47255	5.253 ng/ul	96
65) N-Nitrosodiphenylamine	15.34	169	77108	5.107 ng/ul	98
66) 4-Bromophenyl-phenylether	16.02	248	24431	4.655 ng/ul	91
67) Hexachlorobenzene	16.13	284	29569	5.358 ng/ul	97
70) Phenanthrene	16.86	178	150607	5.205 ng/ul	98
72) Anthracene	16.95	178	152166	5.147 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	39441	5.406 ng/uL	93
74) Pentachlorobenzene	14.39	250	37229	5.166 ng/uL	94
76) Di-n-butylphthalate	17.81	149	152065	4.652 ng/ul#	98
80) Pyrene	19.25	202	184382	5.012 ng/ul	97
81) Butylbenzylphthalate	20.19	149	68326	4.487 ng/ul	92
83) Benzo(a)anthracene	21.02	228	180452	5.031 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.97	149	102210	4.297 ng/ul	96
85) Chrysene	21.07	228	181155	5.227 ng/ul	97
88) Benzo(b)fluoranthene	22.52	252	186414	4.974 ng/ul	97
89) Benzo(k)fluoranthene	22.56	252	173074	4.877 ng/ul	99
91) Benzo(a)pyrene	23.05	252	166043	4.959 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.20	276	199476	5.052 ng/ul	99
93) Dibenzo(a,h)anthracene	25.20	278	166645	4.882 ng/ul	95
94) Benzo(g,h,i)perylene	25.82	276	164607	4.943 ng/ul	99

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

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