Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022119\
Data File : BN004461.D
Acq On : 21 Feb 2019 09:13
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02077

Quant Time: Feb 21 11:57:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 14 07:13:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	16005	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	80061	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	53243	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	137899	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	219253	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	304559	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	2002	7.52	ng/uL	0.00
5) Phenol-d5	6.90	99	27866	19.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	13206	18.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	23645	20.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	23756	19.38	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	11253	21.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	11698	21.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	25919	20.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	31194	22.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	88471	19.59	ng/ul	-0.01
47) Acenaphthylene-d8	14.07	160	111636	20.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	16591	19.19	ng/ul	0.00
58) Fluorene-d10	15.37	176	83366	20.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	14154	17.60	ng/ul	0.00
71) Anthracene-d10	17.23	188	139177	21.06	ng/ul	0.00
79) Pyrene-d10	19.53	212	181855	18.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	332204	20.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	2108	6.435	ng/uL#	84
4) Benzaldehyde	6.89	77	16893	20.631	ng/ul	98
6) Phenol	6.93	94	28066	19.707	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.18	93	18637	18.294	ng/ul	99
10) 2-Chlorophenol	7.30	128	23188	20.135	ng/ul	99
11) 2-Methylphenol	8.17	108	22096	19.398	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.26	45	22471	18.610	ng/ul	99
14) Acetophenone	8.56	105	36507	19.981	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.54	70	14699	18.753	ng/ul	97
16) 4-Methylphenol	8.50	108	24635	19.539	ng/ul	98
17) Hexachloroethane	8.81	117	8452	20.962	ng/ul	89
20) Nitrobenzene	8.95	77	23914	20.623	ng/ul	97
21) Isophorone	9.45	82	47364	19.939	ng/ul	99
23) 2-Nitrophenol	9.65	139	12878	20.751	ng/ul	98
24) 2,4-Dimethylphenol	9.69	107	28263	20.190	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.94	93	28372	18.407	ng/ul	100
27) 2,4-Dichlorophenol	10.17	162	25664	20.723	ng/ul	99
28) Naphthalene	10.57	128	85495	20.712	ng/ul	99
30) 4-Chloroaniline	10.69	127	31172	22.450	ng/ul	97
31) Hexachlorobutadiene	10.85	225	16811	20.996	ng/ul	99
32) Caprolactam	11.45	113	8499	20.323	ng/ul	97
33) 4-Chloro-3-methylphenol	11.80	107	27987	20.953	ng/ul	98
34) 2-Methylnaphthalene	12.19	142	64854	20.482	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.41	142	63132	20.218	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	36517	20.603	ng/ul	97
38) Hexachlorocyclopentadiene	12.53	237	18798	17.058	ng/ul	97
39) 2,4,6-Trichlorophenol	12.80	196	22217	21.214	ng/ul	98
40) 2,4,5-Trichlorophenol	12.87	196	24887	21.153	ng/ul	99
41) 1,1'-Biphenyl	13.21	154	85409	19.853	ng/ul	99
42) 2-Chloronaphthalene	13.25	162	68499	20.470	ng/ul	100
43) 2-Nitroaniline	13.46	65	14511	21.243	ng/ul	97
45) Dimethylphthalate	13.83	163	86931	19.474	ng/ul	99
46) 2,6-Dinitrotoluene	13.96	165	15821	20.103	ng/ul	97
48) Acenaphthylene	14.10	152	106539	20.974	ng/ul	98
49) 3-Nitroaniline	14.29	138	16927	21.074	ng/ul	98
50) Acenaphthene	14.45	153	76232	20.834	ng/ul	100
51) 2,4-Dinitrophenol	14.50	184	7899	16.133	ng/ul	98
53) 4-Nitrophenol	14.59	109	13099	20.379	ng/ul	99
54) Dibenzofuran	14.78	168	109579	20.703	ng/ul	100
55) 2,4-Dinitrotoluene	14.75	165	25223	20.430	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.00	232	23548	21.937	ng/ul	97
57) Diethylphthalate	15.20	149	86570	19.653	ng/ul	99
59) Fluorene	15.43	166	89954	20.972	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	47065	20.737	ng/ul	99
61) 4-Nitroaniline	15.46	138	22379	21.408	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.51	198	14843	17.557	ng/ul	98
65) N-Nitrosodiphenylamine	15.65	169	78850	19.966	ng/ul	99
66) 4-Bromophenyl-phenylether	16.32	248	31776	20.622	ng/ul	97
67) Hexachlorobenzene	16.42	284	38424	21.289	ng/ul	99
68) Atrazine	16.59	200	29881	19.645	ng/ul	97
69) Pentachlorophenol	16.77	266	20648	19.626	ng/ul	99
70) Phenanthrene	17.17	178	158682	20.740	ng/ul	100
72) Anthracene	17.26	178	162489	21.094	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	38065	20.124	ng/uL	99
74) Pentachlorobenzene	14.69	250	41609	20.581	ng/uL	97
75) Carbazole	17.53	167	148339	21.554	ng/ul	99
76) Di-n-butylphthalate	18.09	149	156236	20.678	ng/ul	99
77) Fluoranthene	19.19	202	214396	22.762	ng/ul	98
80) Pyrene	19.56	202	224441	18.511	ng/ul	100
81) Butylbenzylphthalate	20.46	149	84040	20.170	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.25	252	99283	21.589	ng/ul	99
83) Benzo(a)anthracene	21.32	228	280007	20.721	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	140744	22.537	ng/ul	99
85) Chrysene	21.37	228	263686	20.555	ng/ul	99
87) Di-n-octyl phthalate	22.13	149	271023	18.587	ng/ul	100
88) Benzo(b)fluoranthene	22.92	252	355107	19.688	ng/ul	99
89) Benzo(k)fluoranthene	22.96	252	333511	19.020	ng/ul	99
91) Benzo(a)pyrene	23.50	252	358464	20.368	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.90	276	528959	23.670	ng/ul	98
93) Dibenzo(a,h)anthracene	25.91	278	438430	23.581	ng/ul	98
94) Benzo(g,h,i)perylene	26.60	276	451731	24.119	ng/ul	98

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

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