Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052819\
Data File : BN005919.D
Acq On : 29 May 2019 05:45
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02099

Manual Integrations APPROVED
Sohil
5/29/2019 6:36:51 AM

Quant Time: May 29 06:25:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	463905	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	2190872	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	1284473	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	2755721	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	2408255	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	2403885	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	86141	8.17	ng/uL	0.00
5) Phenol-d5	6.89	99	903679	21.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	512170	21.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	692026	22.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	726413	21.89	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	333854	23.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	334106	25.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	706106	22.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	963165	23.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	2036275	21.50	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	2632514	22.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	388097	22.52	ng/ul	0.00
57) Fluorene-d10	15.36	176	1732174	21.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	249578	22.22	ng/ul	0.00
70) Anthracene-d10	17.22	188	2633222	22.45	ng/ul	0.00
78) Pyrene-d10	19.52	212	2780903	22.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.45	264	2431838	22.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	92734	8.305	ng/uL	96
4) Benzaldehyde	6.88	77	603695	21.267	ng/ul	97
6) Phenol	6.92	94	930198	21.956	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.16	93	718134	21.951	ng/ul	92
10) 2-Chlorophenol	7.29	128	709581	22.285	ng/ul	95
11) 2-Methylphenol	8.16	108	718710	22.018	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.26	45	959597	22.024	ng/ul#	93
14) Acetophenone	8.55	105	1121057	22.400	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.53	70	575626	21.495	ng/ul	87
16) 4-Methylphenol	8.49	108	790961	22.072	ng/ul	99
17) Hexachloroethane	8.80	117	281352	22.157	ng/ul	88
20) Nitrobenzene	8.92	77	824453	22.969	ng/ul	95
21) Isophorone	9.45	82	1677933	21.473	ng/ul	98
23) 2-Nitrophenol	9.63	139	382278	24.938	ng/ul	95
24) 2,4-Dimethylphenol	9.69	107	833167	21.693	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.93	93	1037778	21.819	ng/ul	99
27) 2,4-Dichlorophenol	10.16	162	694487	22.687	ng/ul	99
28) Naphthalene	10.56	128	2333931	22.446	ng/ul	99
30) 4-Chloroaniline	10.67	127	980918	24.119	ng/ul	98
31) Hexachlorobutadiene	10.85	225	382920	22.510	ng/ul	97
32) Caprolactam	11.43	113	260971m	21.360	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	813645	22.044	ng/ul	94
34) 2-Methylnaphthalene	12.18	142	1694656	22.125	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	795339	23.185 ng/ul	99
37) Hexachlorocyclopentadiene	12.53	237	405479	20.304 ng/ul	97
38) 2,4,6-Trichlorophenol	12.79	196	528937	23.432 ng/ul	97
39) 2,4,5-Trichlorophenol	12.86	196	576540	23.363 ng/ul	99
40) 1,1'-Biphenyl	13.20	154	2144496	22.510 ng/ul	98
41) 2-Chloronaphthalene	13.24	162	1623929	22.506 ng/ul	98
42) 2-Nitroaniline	13.45	65	472719	24.767 ng/ul	87
44) Dimethylphthalate	13.83	163	2015674	21.298 ng/ul	99
45) 2,6-Dinitrotoluene	13.95	165	398898	24.450 ng/ul	97
47) Acenaphthylene	14.09	152	2629961	22.641 ng/ul	99
48) 3-Nitroaniline	14.27	138	438135	24.737 ng/ul	91
49) Acenaphthene	14.43	153	1750670	22.186 ng/ul	100
50) 2,4-Dinitrophenol	14.48	184	148665	20.476 ng/ul	90
52) 4-Nitrophenol	14.58	109	301918	22.351 ng/ul#	83
53) Dibenzofuran	14.77	168	2479401	22.258 ng/ul	98
54) 2,4-Dinitrotoluene	14.73	165	576083	23.689 ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.00	232	466093	22.979 ng/ul	98
56) Diethylphthalate	15.20	149	2077269	21.087 ng/ul	99
58) Fluorene	15.42	166	1927148	22.027 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.42	204	925450	22.198 ng/ul	97
60) 4-Nitroaniline	15.45	138	504343	23.515 ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.50	198	275806	22.327 ng/ul	99
64) N-Nitrosodiphenylamine	15.63	169	1723979	22.439 ng/ul	98
65) 4-Bromophenyl-phenylether	16.32	248	572899	22.386 ng/ul	99
66) Hexachlorobenzene	16.42	284	622478	22.637 ng/ul	95
67) Atrazine	16.59	200	614083	22.595 ng/ul	100
68) Pentachlorophenol	16.77	266	371997	22.996 ng/ul	99
69) Phenanthrene	17.16	178	3070177	22.486 ng/ul	100
71) Anthracene	17.25	178	3132668	22.599 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.16	216	814768	23.826 ng/uL	96
73) Pentachlorobenzene	14.69	250	741205	23.402 ng/uL	99
74) Carbazole	17.52	167	2939202	23.537 ng/ul	99
75) Di-n-butylphthalate	18.09	149	3621775	22.191 ng/ul	99
76) Fluoranthene	19.19	202	3465148	23.774 ng/ul#	94
79) Pyrene	19.55	202	3555108	23.304 ng/ul#	93
80) Butylbenzylphthalate	20.46	149	1658866	24.197 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.25	252	1194272	24.971 ng/ul	99
82) Benzo(a)anthracene	21.31	228	3400476	22.462 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.25	149	2352343	23.672 ng/ul	99
84) Chrysene	21.36	228	3151655	22.321 ng/ul	99
86) Di-n-octyl phthalate	22.14	149	4252442m	29.981 ng/ul	
87) Benzo(b)fluoranthene	22.91	252	3141271	23.265 ng/ul	98
88) Benzo(k)fluoranthene	22.96	252	2995864	24.132 ng/ul#	98
90) Benzo(a)pyrene	23.49	252	2885381	22.661 ng/ul#	98
91) Indeno(1,2,3-cd)pyrene	25.87	276	2829933	18.941 ng/ul#	92
92) Dibenzo(a,h)anthracene	25.88	278	2403642	19.323 ng/ul	98
93) Benzo(g,h,i)perylene	26.56	276	2288036	18.183 ng/ul#	93

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

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