Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
Data File : BN005349.D
Acq On : 27 Apr 2019 10:18
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02081

Manual Integrations APPROVED
Sohil
4/29/2019 1:44:31 PM

Quant Time: Apr 29 04:53:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	520785	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2224846	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1332902	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	3064594	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	2444285	20.00	ng/ul	-0.01
85) Perylene-d12	23.42	264	2226809	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	72121	6.69	ng/uL	0.00
5) Phenol-d5	6.78	99	771878	18.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	431037	16.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	622706	19.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	609727	19.07	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	302965	22.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	344648	24.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	651051	20.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	799237	24.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1797451	18.58	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2285507	19.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	343899	22.51	ng/ul	0.00
57) Fluorene-d10	15.23	176	1562996	19.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	287221	20.84	ng/ul	0.00
70) Anthracene-d10	17.08	188	2455397	19.11	ng/ul	0.00
78) Pyrene-d10	19.40	212	2559789	20.47	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	1935846	19.89	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	75817	6.535	ng/uL	94
4) Benzaldehyde	6.75	77	513861	17.728	ng/ul	99
6) Phenol	6.80	94	800070	19.017	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.03	93	609801	18.102	ng/ul	92
10) 2-Chlorophenol	7.16	128	624342	19.293	ng/ul	96
11) 2-Methylphenol	8.03	108	598761	18.993	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.13	45	864135	15.277	ng/ul	95
14) Acetophenone	8.40	105	962143	18.802	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.40	70	478896	17.496	ng/ul#	89
16) 4-Methylphenol	8.36	108	661911	19.441	ng/ul	95
17) Hexachloroethane	8.65	117	226697	16.132	ng/ul	95
20) Nitrobenzene	8.78	77	706259	18.741	ng/ul	93
21) Isophorone	9.30	82	1305855	17.501	ng/ul	98
23) 2-Nitrophenol	9.48	139	363274	23.093	ng/ul	97
24) 2,4-Dimethylphenol	9.55	107	704206	17.878	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.79	93	827670	17.651	ng/ul	99
27) 2,4-Dichlorophenol	10.01	162	629342	20.039	ng/ul	97
28) Naphthalene	10.40	128	1948925	18.843	ng/ul	99
30) 4-Chloroaniline	10.52	127	811017	24.263	ng/ul	99
31) Hexachlorobutadiene	10.69	225	415733	18.746	ng/ul	98
32) Caprolactam	11.27	113	211821m	22.292	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	680621	19.247	ng/ul	95
34) 2-Methylnaphthalene	12.02	142	1434640	18.944	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	817543	19.819 ng/ul	98
37) Hexachlorocyclopentadiene	12.38	237	301892	10.734 ng/ul	98
38) 2,4,6-Trichlorophenol	12.65	196	532362	21.403 ng/ul	99
39) 2,4,5-Trichlorophenol	12.72	196	569271	21.299 ng/ul	97
40) 1,1'-Biphenyl	13.06	154	1855075	18.679 ng/ul	99
41) 2-Chloronaphthalene	13.09	162	1444700	18.914 ng/ul	97
42) 2-Nitroaniline	13.30	65	438187	21.629 ng/ul	86
44) Dimethylphthalate	13.70	163	1756430	18.218 ng/ul	100
45) 2,6-Dinitrotoluene	13.81	165	381404	22.911 ng/ul#	89
47) Acenaphthylene	13.95	152	2216181	18.976 ng/ul	99
48) 3-Nitroaniline	14.14	138	402831	26.029 ng/ul	89
49) Acenaphthene	14.29	153	1493180	18.728 ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	181155	22.340 ng/ul	91
52) 4-Nitrophenol	14.46	109	263487	19.000 ng/ul	85
53) Dibenzofuran	14.63	168	2193735	19.110 ng/ul	97
54) 2,4-Dinitrotoluene	14.60	165	547945	22.832 ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	14.86	232	504457	22.687 ng/ul#	90
56) Diethylphthalate	15.07	149	1743727	18.037 ng/ul	98
58) Fluorene	15.29	166	1728300	19.294 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.29	204	911599	19.185 ng/ul	97
60) 4-Nitroaniline	15.31	138	444417	23.034 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.37	198	299175	20.394 ng/ul#	90
64) N-Nitrosodiphenylamine	15.50	169	1571810	18.740 ng/ul	100
65) 4-Bromophenyl-phenylether	16.18	248	594224	19.247 ng/ul	96
66) Hexachlorobenzene	16.29	284	623439	18.964 ng/ul	94
67) Atrazine	16.46	200	551936	17.676 ng/ul	99
68) Pentachlorophenol	16.64	266	401260	20.845 ng/ul	98
69) Phenanthrene	17.03	178	2790476	18.697 ng/ul	100
71) Anthracene	17.12	178	2870269	18.878 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	832717	18.603 ng/uL	100
73) Pentachlorobenzene	14.55	250	758984	18.839 ng/uL	99
74) Carbazole	17.39	167	2576381	19.726 ng/ul	99
75) Di-n-butylphthalate	17.97	149	2891071	17.642 ng/ul	99
76) Fluoranthene	19.06	202	3218471	19.441 ng/ul	99
79) Pyrene	19.43	202	3207907	20.383 ng/ul	96
80) Butylbenzylphthalate	20.36	149	1307691	20.987 ng/ul	93
81) 3,3'-Dichlorobenzidine	21.14	252	965504	19.770 ng/ul#	99
82) Benzo(a)anthracene	21.20	228	2917391	19.186 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	1684322	17.555 ng/ul#	96
84) Chrysene	21.26	228	2677547	18.973 ng/ul	99
86) Di-n-octyl phthalate	22.03	149	3006244	22.042 ng/ul	100
87) Benzo(b)fluoranthene	22.77	252	2436481	19.465 ng/ul	98
88) Benzo(k)fluoranthene	22.81	252	2416121	20.210 ng/ul	99
90) Benzo(a)pyrene	23.33	252	2282139	19.396 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.60	276	2430786	18.686 ng/ul	99
92) Dibenzo(a,h)anthracene	25.62	278	2111703	19.128 ng/ul	97
93) Benzo(g,h,i)perylene	26.27	276	1843282	17.137 ng/ul	98

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

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