Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005246.D
Acq On : 24 Apr 2019 10:43
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02072

Manual Integrations APPROVED
Sohil
4/25/2019 5:34:42 PM

Quant Time: Apr 25 03:31:59 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	7.60	152	459186	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1883555	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1064064	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2272621	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	2005026	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	2172132	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	69788	7.34	ng/uL	0.00
5) Phenol-d5	6.77	99	698283	19.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	421613	18.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	560625	20.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	547753	19.43	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	264050	22.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	274567	23.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	555933	20.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	562307	20.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1551126	20.08	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1925314	20.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	244406	20.04	ng/ul	0.00
57) Fluorene-d10	15.23	176	1278303	19.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	173777	17.00	ng/ul	0.00
70) Anthracene-d10	17.09	188	1903181	19.98	ng/ul	0.00
78) Pyrene-d10	19.40	212	2039692	19.89	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	1916151	20.19	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	75213	7.353	ng/uL	96
4) Benzaldehyde	6.75	77	499277	19.536	ng/ul	98
6) Phenol	6.80	94	717505	19.342	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.03	93	565816	19.049	ng/ul	97
10) 2-Chlorophenol	7.17	128	570679	20.000	ng/ul	95
11) 2-Methylphenol	8.03	108	543245	19.543	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.13	45	901081	18.068	ng/ul	97
14) Acetophenone	8.40	105	870912	19.303	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	448620	18.588	ng/ul	96
16) 4-Methylphenol	8.36	108	577537	19.238	ng/ul	97
17) Hexachloroethane	8.66	117	236009	19.047	ng/ul	100
20) Nitrobenzene	8.78	77	649486	20.357	ng/ul	95
21) Isophorone	9.30	82	1235943	19.565	ng/ul	99
23) 2-Nitrophenol	9.49	139	304609	22.872	ng/ul	95
24) 2,4-Dimethylphenol	9.55	107	647119	19.406	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.79	93	766378	19.305	ng/ul	97
27) 2,4-Dichlorophenol	10.01	162	549562	20.670	ng/ul	100
28) Naphthalene	10.41	128	1755160	20.044	ng/ul	99
30) 4-Chloroaniline	10.52	127	567347	20.049	ng/ul	99
31) Hexachlorobutadiene	10.70	225	391196	20.835	ng/ul	98
32) Caprolactam	11.27	113	165728m	20.602	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	580446	19.388	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	1246676	19.444	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	692307	21.024 ng/ul	97
37) Hexachlorocyclopentadiene	12.39	237	412107	18.355 ng/ul	97
38) 2,4,6-Trichlorophenol	12.65	196	424147	21.360 ng/ul	95
39) 2,4,5-Trichlorophenol	12.72	196	452379	21.201 ng/ul	99
40) 1,1'-Biphenyl	13.06	154	1595270	20.121 ng/ul	99
41) 2-Chloronaphthalene	13.09	162	1237889	20.301 ng/ul	98
42) 2-Nitroaniline	13.30	65	357571	22.109 ng/ul	97
44) Dimethylphthalate	13.70	163	1524354	19.806 ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	303540	22.841 ng/ul#	88
47) Acenaphthylene	13.95	152	1861195	19.963 ng/ul	99
48) 3-Nitroaniline	14.13	138	270981	21.933 ng/ul	96
49) Acenaphthene	14.30	153	1269170	19.940 ng/ul	100
50) 2,4-Dinitrophenol	14.35	184	132482	20.465 ng/ul	94
52) 4-Nitrophenol	14.45	109	206145	18.621 ng/ul	91
53) Dibenzofuran	14.63	168	1821773	19.880 ng/ul	98
54) 2,4-Dinitrotoluene	14.60	165	420518	21.950 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.86	232	374449	21.095 ng/ul	94
56) Diethylphthalate	15.07	149	1539899	19.953 ng/ul	98
58) Fluorene	15.29	166	1417749	19.826 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.29	204	759687	20.027 ng/ul	98
60) 4-Nitroaniline	15.30	138	322232	20.921 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.37	198	180773	16.617 ng/ul	96
64) N-Nitrosodiphenylamine	15.50	169	1246552	20.041 ng/ul	99
65) 4-Bromophenyl-phenylether	16.19	248	477294	20.847 ng/ul	97
66) Hexachlorobenzene	16.29	284	498001	20.427 ng/ul	95
67) Atrazine	16.46	200	470535	20.320 ng/ul	99
68) Pentachlorophenol	16.64	266	279520	19.581 ng/ul	99
69) Phenanthrene	17.03	178	2208668	19.955 ng/ul	100
71) Anthracene	17.12	178	2245121	19.912 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	707460	21.312 ng/uL	99
73) Pentachlorobenzene	14.55	250	608531	20.368 ng/uL	98
74) Carbazole	17.39	167	1977689	20.419 ng/ul	100
75) Di-n-butylphthalate	17.98	149	2583461	21.259 ng/ul	99
76) Fluoranthene	19.06	202	2529744	20.606 ng/ul	98
79) Pyrene	19.43	202	2536937	19.651 ng/ul	99
80) Butylbenzylphthalate	20.36	149	1133197	22.171 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.14	252	807856	20.166 ng/ul	98
82) Benzo(a)anthracene	21.21	228	2509070	20.115 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	1738279	22.086 ng/ul	98
84) Chrysene	21.26	228	2325473	20.088 ng/ul	99
86) Di-n-octyl phthalate	22.06	149	2858957	21.490 ng/ul	100
87) Benzo(b)fluoranthene	22.79	252	2419382	19.815 ng/ul	98
88) Benzo(k)fluoranthene	22.83	252	2329678	19.978 ng/ul	99
90) Benzo(a)pyrene	23.34	252	2324030	20.250 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.63	276	2630160	20.728 ng/ul	98
92) Dibenzo(a,h)anthracene	25.64	278	2230902	20.716 ng/ul	98
93) Benzo(g,h,i)perylene	26.29	276	2181951	20.796 ng/ul	97

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

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