Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119500.D
Acq On : 25 Mar 2020 11:59
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
3/27/2020 8:11:36 AM

Quant Time: Mar 25 14:07:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	351282	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	1301583	20.00	ng		-0.01
39) Acenaphthene-d10	9.89	164	681090	20.00	ng		-0.01
64) Phenanthrene-d10	11.38	188	1302064	20.00	ng		-0.01
76) Chrysene-d12	14.03	240	960188	20.00	ng		0.00
87) Perylene-d12	15.49	264	850279	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1746685	79.15	ng		0.00
7) Phenol-d6	6.47	99	2212648	78.49	ng		0.00
23) Nitrobenzene-d5	7.42	82	2042247	85.27	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	658878	93.77	ng		-0.01
45) 2-Fluorobiphenyl	9.22	172	3653186	79.46	ng		0.00
79) Terphenyl-d14	12.97	244	4059845	82.84	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	396094	36.344	ng		98
3) Pyridine	3.33	79	1095361	36.482	ng		98
4) n-Nitrosodimethylamine	3.28	42	531467	36.297	ng		99
6) Aniline	6.51	93	1510599	38.828	ng		100
8) 2-Chlorophenol	6.63	128	957867	41.329	ng		96
9) Benzaldehyde	6.39	77	687314	38.436	ng		99
10) Phenol	6.49	94	1268309	42.167	ng		99
11) bis(2-Chloroethyl)ether	6.58	93	979225	40.706	ng		95
12) 1,3-Dichlorobenzene	6.79	146	1059343	42.232	ng		100
13) 1,4-Dichlorobenzene	6.86	146	1042927	41.567	ng		99
14) 1,2-Dichlorobenzene	7.02	146	980981	41.830	ng		98
15) Benzyl Alcohol	6.99	79	869007	40.983	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1956182	40.315	ng		98
17) 2-Methylphenol	7.10	107	861688	40.579	ng		99
18) Hexachloroethane	7.36	117	399581	43.458	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	705059	41.497	ng		95
20) 3+4-Methylphenols	7.25	107	1049477	40.327	ng		94
22) Acetophenone	7.26	105	1248130	40.132	ng	#	89
24) Nitrobenzene	7.43	77	1060500	41.435	ng		96
25) Isophorone	7.67	82	1993517	41.034	ng		98
26) 2-Nitrophenol	7.75	139	505198	50.132	ng		97
27) 2,4-Dimethylphenol	7.78	122	816840	39.200	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	1214615	42.280	ng		99
29) 2,4-Dichlorophenol	7.99	162	806966	42.147	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	899281	42.471	ng		99
31) Naphthalene	8.16	128	2703226	40.358	ng		99
32) Benzoic acid	7.91	122	688865	51.393	ng		98
33) 4-Chloroaniline	8.20	127	1218271	39.694	ng		97
34) Hexachlorobutadiene	8.27	225	539116	45.507	ng		97
35) Caprolactam	8.58	113	251301m	40.105	ng		
36) 4-Chloro-3-methylphenol	8.68	107	867014	41.432	ng		100
37) 2-Methylnaphthalene	8.85	142	1838276	41.818	ng		99
38) 1-Methylnaphthalene	8.95	142	1736121	41.726	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	846586	42.407	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	450729	39.714 ng	100
43) 2,4,6-Trichlorophenol	9.12	196	622535	43.576 ng	98
44) 2,4,5-Trichlorophenol	9.16	196	678600	42.402 ng	99
46) 1,1'-Biphenyl	9.32	154	2276053	41.031 ng	98
47) 2-Chloronaphthalene	9.34	162	1769600	40.726 ng	99
48) 2-Nitroaniline	9.43	65	660644	44.049 ng	97
49) Acenaphthylene	9.76	152	2736677	40.107 ng	99
50) Dimethylphthalate	9.62	163	2065054	42.686 ng	99
51) 2,6-Dinitrotoluene	9.67	165	464768	44.820 ng	94
52) Acenaphthene	9.93	154	1760587	41.388 ng	99
53) 3-Nitroaniline	9.85	138	547026	41.785 ng	98
54) 2,4-Dinitrophenol	9.95	184	214430	50.718 ng	94
55) Dibenzofuran	10.10	168	2477885	40.628 ng	98
56) 4-Nitrophenol	9.99	139	425607	41.211 ng	88
57) 2,4-Dinitrotoluene	10.08	165	617560	47.276 ng	100
58) Fluorene	10.45	166	1867755	41.413 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	524705	43.862 ng	98
60) Diethylphthalate	10.32	149	2195544	44.715 ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	951235	43.130 ng	98
62) 4-Nitroaniline	10.46	138	531908	42.370 ng	99
63) Azobenzene	10.59	77	2030238	41.060 ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	291734	53.432 ng	94
66) n-Nitrosodiphenylamine	10.55	169	1760002	41.175 ng	99
67) 4-Bromophenyl-phenylether	10.93	248	646273	43.582 ng	93
68) Hexachlorobenzene	10.99	284	657801	43.342 ng	93
69) Atrazine	11.08	200	521071	44.466 ng	99
70) Pentachlorophenol	11.18	266	408406	45.893 ng	97
71) Phenanthrene	11.40	178	2738657	40.563 ng	99
72) Anthracene	11.46	178	2799151	40.793 ng	99
73) Carbazole	11.61	167	2701457	39.775 ng	98
74) Di-n-butylphthalate	11.95	149	3418549	47.052 ng	98
75) Fluoranthene	12.59	202	2996676	41.012 ng	99
77) Benzidine	12.72	184	1293302	31.827 ng	99
78) Pyrene	12.83	202	3089561	39.207 ng	99
80) Butylbenzylphthalate	13.45	149	1568352	49.208 ng	99
81) Benzo(a)anthracene	14.02	228	2454331	39.307 ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	1030873	41.873 ng	97
83) Chrysene	14.05	228	2548963	39.556 ng	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	2084206	54.857 ng	99
85) Di-n-octyl phthalate	14.62	149	3701071	55.389 ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	2235911	36.842 ng	97
88) Benzo(b)fluoranthene	15.06	252	2386009	42.008 ng	99
89) Benzo(k)fluoranthene	15.09	252	2369474	43.811 ng	100
90) Benzo(a)pyrene	15.43	252	2132396	41.311 ng	98
91) Dibenzo(a,h)anthracene	16.98	278	1840678	40.770 ng	98
92) Benzo(g,h,i)perylene	17.40	276	1765000	38.913 ng	97

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

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