Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
Data File : BF119498.D
Acq On : 24 Mar 2020 21:24
Operator : CG/JU
Sample : PB127762BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB127762BS

Manual Integrations APPROVED
mohammad
3/25/2020 12:29:49 PM

Quant Time: Mar 25 00:29:02 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	6.84	152	297388	20.00	ng		-0.02
21) Naphthalene-d8	8.13	136	1153181	20.00	ng		-0.02
39) Acenaphthene-d10	9.89	164	607328	20.00	ng		-0.01
64) Phenanthrene-d10	11.37	188	1197112	20.00	ng		-0.02
76) Chrysene-d12	14.02	240	868320	20.00	ng		-0.01
87) Perylene-d12	15.49	264	757588	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	2013868	107.80	ng		0.00
7) Phenol-d6	6.47	99	2568581	107.63	ng		0.00
23) Nitrobenzene-d5	7.41	82	1626682	76.66	ng		-0.01
42) 2,4,6-Tribromophenol	10.68	330	780782	124.61	ng		-0.01
45) 2-Fluorobiphenyl	9.21	172	3076617	75.05	ng		-0.01
79) Terphenyl-d14	12.97	244	3632056	81.95	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	281087	30.465	ng		99
3) Pyridine	3.42	79	780591	30.709	ng		97
4) n-Nitrosodimethylamine	3.36	42	429687	34.664	ng		99
6) Aniline	6.50	93	920868	27.959	ng		100
8) 2-Chlorophenol	6.63	128	831401	42.374	ng		99
9) Benzaldehyde	6.39	77	538512	35.572	ng		98
10) Phenol	6.48	94	1024255m	40.225	ng		
11) bis(2-Chloroethyl)ether	6.57	93	780534	38.326	ng		95
12) 1,3-Dichlorobenzene	6.79	146	831481	39.155	ng		98
13) 1,4-Dichlorobenzene	6.86	146	838080	39.456	ng		99
14) 1,2-Dichlorobenzene	7.02	146	785153	39.547	ng		98
15) Benzyl Alcohol	6.98	79	711963	39.662	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1517192	36.934	ng		99
17) 2-Methylphenol	7.09	107	677343	37.678	ng		99
18) Hexachloroethane	7.36	117	315819	40.572	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	572087	39.772	ng		99
20) 3+4-Methylphenols	7.25	107	823256	37.367	ng	#	86
22) Acetophenone	7.25	105	1073848	38.971	ng	#	89
24) Nitrobenzene	7.43	77	855452	37.725	ng		96
25) Isophorone	7.67	82	1611485	37.439	ng		98
26) 2-Nitrophenol	7.75	139	436063	48.840	ng		96
27) 2,4-Dimethylphenol	7.78	122	747859	40.509	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	1020568	40.097	ng		99
29) 2,4-Dichlorophenol	7.99	162	689729	40.660	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	725913	38.695	ng		98
31) Naphthalene	8.15	128	2320850	39.108	ng		100
32) Benzoic acid	7.90	122	581152	48.937	ng		96
33) 4-Chloroaniline	8.20	127	457488	16.824	ng		96
34) Hexachlorobutadiene	8.27	225	420132	40.027	ng		98
35) Caprolactam	8.57	113	219713m	39.576	ng		
36) 4-Chloro-3-methylphenol	8.68	107	756104	40.782	ng		99
37) 2-Methylnaphthalene	8.85	142	1595851	40.975	ng		99
38) 1-Methylnaphthalene	8.95	142	1506311	40.861	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	689625	38.740	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	835032	82.511	ng		100
43) 2,4,6-Trichlorophenol	9.12	196	533688	41.894	ng		97
44) 2,4,5-Trichlorophenol	9.16	196	540683	37.888	ng		97
46) 1,1'-Biphenyl	9.31	154	1920981	38.836	ng		99
47) 2-Chloronaphthalene	9.33	162	1502216	38.771	ng		99
48) 2-Nitroaniline	9.43	65	546786	40.886	ng		99
49) Acenaphthylene	9.75	152	2384689	39.193	ng		100
50) Dimethylphthalate	9.62	163	1772320	41.084	ng		100
51) 2,6-Dinitrotoluene	9.67	165	399805	43.238	ng	#	82
52) Acenaphthene	9.93	154	1639448	43.221	ng		99
53) 3-Nitroaniline	9.84	138	264093	22.623	ng		96
54) 2,4-Dinitrophenol	9.95	184	388360	95.514	ng		96
55) Dibenzofuran	10.10	168	2146626	39.472	ng		98
56) 4-Nitrophenol	10.00	139	719324	78.111	ng		88
57) 2,4-Dinitrotoluene	10.07	165	532177	45.688	ng		89
58) Fluorene	10.44	166	1638101	40.732	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	468182	43.890	ng		98
60) Diethylphthalate	10.32	149	1853687	42.338	ng		100
61) 4-Chlorophenyl-phenylether	10.43	204	801710	40.765	ng		97
62) 4-Nitroaniline	10.46	138	426778	38.125	ng		97
63) Azobenzene	10.59	77	1759659	39.910	ng		97
65) 4,6-Dinitro-2-methylphenol	10.49	198	263899	52.571	ng		87
66) n-Nitrosodiphenylamine	10.55	169	1526453	38.842	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	531834	39.009	ng		99
68) Hexachlorobenzene	10.99	284	555943	39.842	ng		98
69) Atrazine	11.08	200	482141	44.751	ng		99
70) Pentachlorophenol	11.18	266	642631	78.544	ng		99
71) Phenanthrene	11.40	178	2382540	38.383	ng		99
72) Anthracene	11.46	178	2454864	38.912	ng		98
73) Carbazole	11.61	167	2317243	37.109	ng		99
74) Di-n-butylphthalate	11.95	149	2940042	44.013	ng		99
75) Fluoranthene	12.59	202	2617227	38.959	ng		99
77) Benzidine	12.71	184	1390015	37.826	ng		98
78) Pyrene	12.82	202	2672472	37.502	ng		99
80) Butylbenzylphthalate	13.44	149	1315278	45.634	ng		97
81) Benzo(a)anthracene	14.02	228	2102134	37.229	ng		100
82) 3,3'-Dichlorobenzidine	13.97	252	592301	26.604	ng		98
83) Chrysene	14.05	228	2206396	37.862	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1756381	51.119	ng		99
85) Di-n-octyl phthalate	14.62	149	3096871	51.250	ng		98
86) Indeno(1,2,3-cd)pyrene	16.95	276	1932803	35.217	ng		98
88) Benzo(b)fluoranthene	15.06	252	2109305	41.680	ng		99
89) Benzo(k)fluoranthene	15.09	252	1958048	40.634	ng		99
90) Benzo(a)pyrene	15.43	252	1781165	38.729	ng		99
91) Dibenzo(a,h)anthracene	16.97	278	1618097	40.225	ng		99
92) Benzo(g,h,i)perylene	17.40	276	1605645	39.731	ng		97

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

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