Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
Data File : BF117833.D
Acq On : 18 Nov 2019 14:15
Operator : JU
Sample : PB124878BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB124878BS

Manual Integrations APPROVED
mohammad
11/19/2019 2:35:31 PM

Quant Time: Nov 18 15:34:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 18:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	303477	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	1290964	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	697325	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	1341115	20.00	ng		0.00
76) Chrysene-d12	14.12	240	941915	20.00	ng		0.00
87) Perylene-d12	15.62	264	723270	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1941836	113.26	ng		0.01
7) Phenol-d6	6.55	99	2413262	116.70	ng		0.00
23) Nitrobenzene-d5	7.49	82	1325602	61.04	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	796719	107.92	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	2538636	65.31	ng		0.00
79) Terphenyl-d14	13.06	244	2832303	54.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	254783	31.792	ng		99
3) Pyridine	3.57	79	591711	28.147	ng		98
4) n-Nitrosodimethylamine	3.52	42	354522	38.633	ng		100
6) Aniline	6.58	93	907099	33.195	ng		99
8) 2-Chlorophenol	6.71	128	821107	44.138	ng		99
9) Benzaldehyde	6.47	77	416651	28.551	ng		99
10) Phenol	6.56	94	1004938	46.766	ng		97
11) bis(2-Chloroethyl)ether	6.66	93	718786	41.654	ng		98
12) 1,3-Dichlorobenzene	6.86	146	836284	38.183	ng		99
13) 1,4-Dichlorobenzene	6.94	146	874334	39.494	ng		99
14) 1,2-Dichlorobenzene	7.09	146	829477	39.177	ng		100
15) Benzyl Alcohol	7.06	79	730542	45.758	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	1035812	38.987	ng		100
17) 2-Methylphenol	7.17	107	699226	44.383	ng		99
18) Hexachloroethane	7.44	117	312836	38.467	ng		94
19) n-Nitroso-di-n-propylamine	7.33	70	533984	41.857	ng		98
20) 3+4-Methylphenols	7.32	107	843025	43.108	ng	#	89
22) Acetophenone	7.33	105	1096775	37.815	ng	#	97
24) Nitrobenzene	7.50	77	878948	39.233	ng		98
25) Isophorone	7.75	82	1551656	38.983	ng		98
26) 2-Nitrophenol	7.82	139	463736	42.527	ng		96
27) 2,4-Dimethylphenol	7.86	122	775595	45.773	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	918197	36.353	ng		99
29) 2,4-Dichlorophenol	8.06	162	722505	39.310	ng		98
30) 1,2,4-Trichlorobenzene	8.15	180	779599	36.568	ng		99
31) Naphthalene	8.23	128	2360196	39.217	ng		99
32) Benzoic acid	7.98	122	617924	43.554	ng		94
33) 4-Chloroaniline	8.27	127	646981	24.013	ng		100
34) Hexachlorobutadiene	8.35	225	434228	34.837	ng		100
35) Caprolactam	8.65	113	250294m	42.849	ng		
36) 4-Chloro-3-methylphenol	8.76	107	765462	41.037	ng		97
37) 2-Methylnaphthalene	8.93	142	1634410	40.193	ng		99
38) 1-Methylnaphthalene	9.03	142	1520823	39.560	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	714747	35.294	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	726029	63.975	ng		98
43) 2,4,6-Trichlorophenol	9.20	196	550676	37.965	ng		99
44) 2,4,5-Trichlorophenol	9.24	196	589497	39.143	ng		99
46) 1,1'-Biphenyl	9.39	154	1945216	37.600	ng		99
47) 2-Chloronaphthalene	9.42	162	1545237	36.307	ng		98
48) 2-Nitroaniline	9.51	65	485025	37.748	ng		97
49) Acenaphthylene	9.84	152	2407132	38.793	ng		100
50) Dimethylphthalate	9.69	163	1811344	37.042	ng		100
51) 2,6-Dinitrotoluene	9.75	165	430910	40.320	ng		98
52) Acenaphthene	10.01	154	1651769	41.555	ng		97
53) 3-Nitroaniline	9.92	138	347740	27.193	ng		100
54) 2,4-Dinitrophenol	10.03	184	426744	77.920	ng	#	88
55) Dibenzofuran	10.18	168	2101792	38.185	ng		99
56) 4-Nitrophenol	10.08	139	797084	83.505	ng		97
57) 2,4-Dinitrotoluene	10.16	165	572114	42.084	ng		98
58) Fluorene	10.53	166	1595655	37.409	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	484255	39.134	ng		98
60) Diethylphthalate	10.40	149	1760585	36.930	ng		98
61) 4-Chlorophenyl-phenylether	10.52	204	808752	37.362	ng		98
62) 4-Nitroaniline	10.54	138	464940	36.312	ng		97
63) Azobenzene	10.67	77	1634949	37.696	ng		99
65) 4,6-Dinitro-2-methylphenol	10.57	198	291500	46.560	ng		89
66) n-Nitrosodiphenylamine	10.63	169	1482367	37.980	ng		99
67) 4-Bromophenyl-phenylether	11.01	248	522018	36.075	ng		96
68) Hexachlorobenzene	11.07	284	610731	36.195	ng		98
69) Atrazine	11.16	200	515236	40.130	ng		99
70) Pentachlorophenol	11.27	266	735803	74.641	ng		99
71) Phenanthrene	11.49	178	2470222	36.636	ng		99
72) Anthracene	11.54	178	2530477	37.852	ng		99
73) Carbazole	11.70	167	2298205	39.340	ng		99
74) Di-n-butylphthalate	12.03	149	2576058	35.416	ng		100
75) Fluoranthene	12.69	202	2606985	41.948	ng		99
77) Benzidine	12.80	184	696859	22.586	ng		99
78) Pyrene	12.92	202	2607185	34.250	ng		98
80) Butylbenzylphthalate	13.53	149	1145005	35.022	ng		93
81) Benzo(a)anthracene	14.10	228	2263093	36.359	ng		99
82) 3,3'-Dichlorobenzidine	14.06	252	754737	34.665	ng		100
83) Chrysene	14.14	228	2177834	36.108	ng		99
84) Bis(2-ethylhexyl)phthalate	14.09	149	1460328	36.843	ng		99
85) Di-n-octyl phthalate	14.71	149	2340449	40.193	ng		100
86) Indeno(1,2,3-cd)pyrene	17.16	276	1936291	37.720	ng		100
88) Benzo(b)fluoranthene	15.17	252	2057101	43.776	ng		99
89) Benzo(k)fluoranthene	15.21	252	1942085	43.863	ng		98
90) Benzo(a)pyrene	15.56	252	1745111	42.233	ng		99
91) Dibenzo(a,h)anthracene	17.18	278	1601980	45.042	ng		99
92) Benzo(g,h,i)perylene	17.63	276	1619509	45.717	ng		99

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

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