Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119568.D
Acq On : 27 Mar 2020 14:56
Operator : CG/JU
Sample : PB127833BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB127833BS

Manual Integrations APPROVED
mohammad
3/30/2020 8:51:15 AM

Quant Time: Mar 27 15:56:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	243328	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	974046	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	512812	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1013924	20.00	ng		0.00
76) Chrysene-d12	14.01	240	718639	20.00	ng		0.00
87) Perylene-d12	15.47	264	632328	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1235901	80.86	ng		0.01
7) Phenol-d6	6.46	99	1595725	81.72	ng		0.00
23) Nitrobenzene-d5	7.40	82	1409680	78.65	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	490700	92.75	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2754334	79.57	ng		0.00
79) Terphenyl-d14	12.96	244	3172398	86.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	233950	30.990	ng		98
3) Pyridine	3.39	79	580686	27.920	ng		96
4) n-Nitrosodimethylamine	3.35	42	364384	35.927	ng		97
6) Aniline	6.49	93	807189	29.953	ng		99
8) 2-Chlorophenol	6.62	128	715857	44.591	ng		99
9) Benzaldehyde	6.38	77	475610	38.397	ng		98
10) Phenol	6.47	94	930590	44.666	ng		93
11) bis(2-Chloroethyl)ether	6.57	93	676899	40.622	ng		99
12) 1,3-Dichlorobenzene	6.77	146	716877	41.258	ng		98
13) 1,4-Dichlorobenzene	6.85	146	723486	41.629	ng		100
14) 1,2-Dichlorobenzene	7.00	146	680271	41.876	ng		99
15) Benzyl Alcohol	6.97	79	626563	42.659	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1302150	38.742	ng		100
17) 2-Methylphenol	7.09	107	588163	39.986	ng		99
18) Hexachloroethane	7.35	117	275154	43.202	ng		96
19) n-Nitroso-di-n-propylamine	7.25	70	502731	42.716	ng		97
20) 3+4-Methylphenols	7.24	107	726103	40.280	ng	#	80
22) Acetophenone	7.25	105	947497	40.710	ng		97
24) Nitrobenzene	7.42	77	746294	38.964	ng		100
25) Isophorone	7.66	82	1422370	39.123	ng		99
26) 2-Nitrophenol	7.73	139	382882	50.770	ng		92
27) 2,4-Dimethylphenol	7.77	122	670640	43.007	ng		97
28) bis(2-Chloroethoxy)methane	7.87	93	888652	41.335	ng		100
29) 2,4-Dichlorophenol	7.97	162	611023	42.645	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	637860	40.254	ng		99
31) Naphthalene	8.14	128	2032868	40.556	ng		99
32) Benzoic acid	7.89	122	488744	48.724	ng		96
33) 4-Chloroaniline	8.19	127	446684	19.448	ng		97
34) Hexachlorobutadiene	8.26	225	366190	41.304	ng		99
35) Caprolactam	8.56	113	196083m	41.815	ng		
36) 4-Chloro-3-methylphenol	8.67	107	667080	42.597	ng		97
37) 2-Methylnaphthalene	8.83	142	1410186	42.867	ng		98
38) 1-Methylnaphthalene	8.93	142	1320520	42.409	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	609453	40.547	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	754863	88.337 ng		99
43) 2,4,6-Trichlorophenol	9.11	196	468377	43.544 ng		97
44) 2,4,5-Trichlorophenol	9.15	196	479995	39.834 ng		97
46) 1,1'-Biphenyl	9.30	154	1693477	40.547 ng		99
47) 2-Chloronaphthalene	9.32	162	1324141	40.474 ng		100
48) 2-Nitroaniline	9.42	65	495955	43.920 ng		98
49) Acenaphthylene	9.74	152	2135319	41.563 ng		99
50) Dimethylphthalate	9.60	163	1561742	42.875 ng		99
51) 2,6-Dinitrotoluene	9.66	165	353569	45.286 ng		94
52) Acenaphthene	9.92	154	1434395	44.785 ng		99
53) 3-Nitroaniline	9.83	138	251278	25.493 ng		97
54) 2,4-Dinitrophenol	9.93	184	320073	93.402 ng	#	84
55) Dibenzofuran	10.09	168	1912573	41.650 ng		99
56) 4-Nitrophenol	9.99	139	608278	78.227 ng		97
57) 2,4-Dinitrotoluene	10.07	165	479614	48.764 ng		88
58) Fluorene	10.43	166	1439828	42.401 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	406665	45.150 ng		97
60) Diethylphthalate	10.30	149	1646072	44.525 ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	712570	42.911 ng		99
62) 4-Nitroaniline	10.45	138	380598	40.266 ng		95
63) Azobenzene	10.58	77	1559016	41.877 ng		98
65) 4,6-Dinitro-2-methylphenol	10.47	198	225664	53.077 ng		92
66) n-Nitrosodiphenylamine	10.54	169	1345278	40.416 ng		100
67) 4-Bromophenyl-phenylether	10.91	248	466474	40.397 ng		96
68) Hexachlorobenzene	10.98	284	496084	41.975 ng	#	92
69) Atrazine	11.07	200	417600	45.763 ng		98
70) Pentachlorophenol	11.17	266	547567	79.017 ng		97
71) Phenanthrene	11.39	178	2119902	40.322 ng		99
72) Anthracene	11.44	178	2184380	40.880 ng		99
73) Carbazole	11.60	167	2014788	38.095 ng		99
74) Di-n-butylphthalate	11.93	149	2553314	45.130 ng		100
75) Fluoranthene	12.58	202	2299819	40.420 ng		99
77) Benzidine	12.70	184	1121446	36.874 ng		98
78) Pyrene	12.81	202	2360813	40.029 ng		99
80) Butylbenzylphthalate	13.43	149	1085676	45.513 ng		99
81) Benzo(a)anthracene	14.00	228	1843737	39.453 ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	446764	24.247 ng		99
83) Chrysene	14.04	228	1875785	38.893 ng		100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1432412	50.373 ng		99
85) Di-n-octyl phthalate	14.61	149	2477552	49.541 ng		100
86) Indeno(1,2,3-cd)pyrene	16.93	276	1629742	35.880 ng		99
88) Benzo(b)fluoranthene	15.04	252	1849002	43.774 ng		99
89) Benzo(k)fluoranthene	15.08	252	1613332	40.112 ng		99
90) Benzo(a)pyrene	15.42	252	1512126	39.392 ng		97
91) Dibenzo(a,h)anthracene	16.96	278	1366401	40.696 ng		99
92) Benzo(g,h,i)perylene	17.38	276	1360814	40.343 ng		99

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

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