Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051519\
Data File : BF114279.D
Acq On : 15 May 2019 12:27
Operator : JU/SJ
Sample : PB119713BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB119713BS

Manual Integrations APPROVED
mohammad
5/16/2019 9:50:55 AM

Quant Time: May 16 07:21:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	274351	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1103344	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	521253	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1008680	20.00	ng		0.00
76) Chrysene-d12	14.02	240	703057	20.00	ng		0.00
87) Perylene-d12	15.51	264	700592	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1738829	101.99	ng		0.02
7) Phenol-d6	6.50	99	2240419	111.11	ng		0.01
23) Nitrobenzene-d5	7.41	82	1268804	64.54	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	541986	100.57	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2167295	62.89	ng		0.00
79) Terphenyl-d14	12.96	244	2154097	63.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.74	88	303250	32.362	ng		99
3) Pyridine	3.49	79	785820	30.437	ng		97
4) n-Nitrosodimethylamine	3.44	42	392734	31.544	ng		95
6) Aniline	6.52	93	656215	22.530	ng	#	10
8) 2-Chlorophenol	6.65	128	657387	36.120	ng		95
9) Benzaldehyde	6.40	77	287761	20.386	ng		99
10) Phenol	6.52	94	793963	33.473	ng		91
11) bis(2-Chloroethyl)ether	6.59	93	669862	37.199	ng		98
12) 1,3-Dichlorobenzene	6.79	146	692323	33.888	ng		100
13) 1,4-Dichlorobenzene	6.87	146	698662	33.938	ng		97
14) 1,2-Dichlorobenzene	7.02	146	644763	34.281	ng		99
15) Benzyl Alcohol	7.00	79	555511	35.324	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1195471	34.239	ng		67
17) 2-Methylphenol	7.12	107	542881	36.312	ng	#	92
18) Hexachloroethane	7.36	117	264815	34.270	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	463637	36.277	ng		99
20) 3+4-Methylphenols	7.27	107	672535	38.935	ng	#	59
22) Acetophenone	7.26	105	896379	36.673	ng		92
24) Nitrobenzene	7.43	77	721072	36.010	ng		95
25) Isophorone	7.67	82	1309152	35.904	ng		98
26) 2-Nitrophenol	7.75	139	368803	37.962	ng		97
27) 2,4-Dimethylphenol	7.79	122	594082	38.935	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	833610	35.236	ng		98
29) 2,4-Dichlorophenol	8.00	162	541905	35.667	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	587131	33.983	ng		99
31) Naphthalene	8.15	128	1874353	36.368	ng		99
32) Benzoic acid	7.93	122	359021	35.193	ng		97
33) 4-Chloroaniline	8.20	127	472725	20.128	ng		98
34) Hexachlorobutadiene	8.27	225	322803	32.837	ng		98
35) Caprolactam	8.57	113	195453m	39.452	ng		
36) 4-Chloro-3-methylphenol	8.70	107	581765	38.040	ng		99
37) 2-Methylnaphthalene	8.85	142	1260196	37.898	ng		98
38) 1-Methylnaphthalene	8.95	142	1178998	37.650	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	558289	35.357	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	410612	57.125	ng		98
43) 2,4,6-Trichlorophenol	9.13	196	368242	33.906	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	384693	34.538	ng		96
46) 1,1'-Biphenyl	9.31	154	1499661	35.613	ng		98
47) 2-Chloronaphthalene	9.33	162	1145589	33.803	ng		100
48) 2-Nitroaniline	9.43	65	408214	33.964	ng		98
49) Acenaphthylene	9.75	152	1848387	35.860	ng		99
50) Dimethylphthalate	9.60	163	1336906	34.938	ng		99
51) 2,6-Dinitrotoluene	9.67	165	303730	35.787	ng		89
52) Acenaphthene	9.92	154	1066564	33.720	ng		98
53) 3-Nitroaniline	9.85	138	245961	23.346	ng		96
54) 2,4-Dinitrophenol	9.96	184	269244	64.516	ng		90
55) Dibenzofuran	10.09	168	1591563	34.315	ng		98
56) 4-Nitrophenol	10.03	139	389547	52.284	ng		95
57) 2,4-Dinitrotoluene	10.08	165	390976	33.940	ng	#	89
58) Fluorene	10.44	166	1232890	34.414	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	323206	33.631	ng		98
60) Diethylphthalate	10.30	149	1307475	33.629	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	599431	34.067	ng		97
62) 4-Nitroaniline	10.46	138	344150	31.086	ng		99
63) Azobenzene	10.59	77	1316156	34.973	ng		99
65) 4,6-Dinitro-2-methylphenol	10.50	198	179801	37.097	ng		95
66) n-Nitrosodiphenylamine	10.54	169	1123334	36.694	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	381397	34.342	ng		95
68) Hexachlorobenzene	10.99	284	409361	33.319	ng		94
69) Atrazine	11.07	200	331002	34.744	ng		99
70) Pentachlorophenol	11.19	266	342910	58.877	ng		99
71) Phenanthrene	11.40	178	1738379	35.424	ng		99
72) Anthracene	11.45	178	1821480	36.954	ng		100
73) Carbazole	11.60	167	1709963	36.380	ng		99
74) Di-n-butylphthalate	11.93	149	1974327	36.460	ng		100
75) Fluoranthene	12.59	202	1879064	35.557	ng		98
77) Benzidine	12.70	184	973203	30.837	ng		97
78) Pyrene	12.82	202	1891302	33.440	ng		99
80) Butylbenzylphthalate	13.42	149	866393	36.395	ng		94
81) Benzo(a)anthracene	14.01	228	1606623	35.331	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	417341	23.658	ng		99
83) Chrysene	14.05	228	1561356	35.026	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1170703	37.601	ng		99
85) Di-n-octyl phthalate	14.62	149	1950639	38.649	ng		100
86) Indeno(1,2,3-cd)pyrene	17.00	276	1378977	35.003	ng		98
88) Benzo(b)fluoranthene	15.08	252	1661289	37.013	ng		99
89) Benzo(k)fluoranthene	15.12	252	1423738	34.531	ng		99
90) Benzo(a)pyrene	15.45	252	1475744	37.359	ng		100
91) Dibenzo(a,h)anthracene	17.01	278	1134826	34.573	ng		99
92) Benzo(g,h,i)perylene	17.44	276	1150250	34.968	ng		100

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

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