Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
Data File : BF134030.D
Acq On : 29 Jun 2023 11:23
Operator : CG\JU
Sample : PB153792BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 29 12:58:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 26 23:12:04 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB153792BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	109170	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	419861	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	212821	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	428036	20.000	ng	0.00
76) Chrysene-d12	14.045	240	213219	20.000	ng	0.00
86) Perylene-d12	15.545	264	210180	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	743051	113.855	ng	0.01
7) Phenol-d6	6.492	99	889845	110.869	ng	0.00
23) Nitrobenzene-d5	7.416	82	619154	79.492	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	309654	116.047	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1141654	77.992	ng	0.00
79) Terphenyl-d14	12.980	244	1298468	98.011	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	108911	40.472	ng	98
3) Pyridine	3.493	79	244329	34.858	ng	97
4) n-Nitrosodimethylamine	3.451	42	173360	43.304	ng	97
6) Aniline	6.516	93	260784	26.701	ng	96
8) 2-Chlorophenol	6.634	128	299067	45.142	ng	99
9) Benzaldehyde	6.398	77	19356	2.586	ng	98
10) Phenol	6.504	94	345765	40.973	ng	86
11) bis(2-Chloroethyl)ether	6.587	93	261139	42.032	ng	99
12) 1,3-Dichlorobenzene	6.787	146	316315	44.785	ng	99
13) 1,4-Dichlorobenzene	6.863	146	320778	44.965	ng	97
14) 1,2-Dichlorobenzene	7.016	146	307153	45.972	ng	99
15) Benzyl Alcohol	6.992	79	267935	43.304	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	458309	41.698	ng	97
17) 2-Methylphenol	7.104	107	243168	40.989	ng	98
18) Hexachloroethane	7.357	117	122818	46.430	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	209022	41.066	ng	98
20) 3+4-Methylphenols	7.257	107	293217	40.741	ng	95
22) Acetophenone	7.257	105	413926	43.349	ng	97
24) Nitrobenzene	7.434	77	324836	41.271	ng	95
25) Isophorone	7.669	82	578293	40.852	ng	98
26) 2-Nitrophenol	7.745	139	161622	42.805	ng	91
27) 2,4-Dimethylphenol	7.786	122	258080	43.181	ng	96
28) bis(2-Chloroethoxy)met...	7.881	93	331403	40.432	ng	98
29) 2,4-Dichlorophenol	7.986	162	248301	41.896	ng	96
30) 1,2,4-Trichlorobenzene	8.069	180	258938	42.342	ng	99
31) Naphthalene	8.151	128	821902	40.526	ng	99
32) Benzoic acid	7.916	122	197691	44.142	ng	96
33) 4-Chloroaniline	8.198	127	100659	11.603	ng	98
34) Hexachlorobutadiene	8.263	225	165716	42.958	ng	96
35) Caprolactam	8.581	113	83879m	42.983	ng	
36) 4-Chloro-3-methylphenol	8.686	107	283092	42.519	ng	96
37) 2-Methylnaphthalene	8.845	142	561065	39.122	ng	99
38) 1-Methylnaphthalene	8.945	142	515977	38.700	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	268358	42.562	ng	99
41) Hexachlorocyclopentadiene	8.992	237	287068	95.968	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	178657	41.624	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	194460	38.516	ng		99
46) 1,1'-Biphenyl	9.310	154	712672	41.746	ng		98
47) 2-Chloronaphthalene	9.333	162	525996	42.111	ng		97
48) 2-Nitroaniline	9.433	65	188582	41.426	ng		99
49) Acenaphthylene	9.751	152	868799	40.717	ng		99
50) Dimethylphthalate	9.616	163	628834	40.705	ng		99
51) 2,6-Dinitrotoluene	9.675	165	140832	42.325	ng	#	84
52) Acenaphthene	9.922	154	510983	41.271	ng		99
53) 3-Nitroaniline	9.845	138	97370	24.393	ng		99
54) 2,4-Dinitrophenol	9.963	184	159333	82.776	ng		97
55) Dibenzofuran	10.098	168	779698	40.295	ng		99
56) 4-Nitrophenol	10.016	139	220313	78.903	ng		89
57) 2,4-Dinitrotoluene	10.086	165	185883	42.301	ng		93
58) Fluorene	10.439	166	619307	41.139	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	167664	42.100	ng		99
60) Diethylphthalate	10.316	149	660682	41.048	ng		100
61) 4-Chlorophenyl-phenyle...	10.433	204	292152	40.271	ng		99
62) 4-Nitroaniline	10.469	138	152401	37.884	ng		94
63) Azobenzene	10.592	77	616731	40.508	ng		95
65) 4,6-Dinitro-2-methylph...	10.498	198	106802	45.767	ng		91
66) n-Nitrosodiphenylamine	10.557	169	553070	40.441	ng		100
67) 4-Bromophenyl-phenylether	10.927	248	185995	40.882	ng		98
68) Hexachlorobenzene	10.992	284	212140	43.917	ng		97
69) Atrazine	11.086	200	165376	43.717	ng		99
70) Pentachlorophenol	11.186	266	219133	75.871	ng		98
71) Phenanthrene	11.410	178	893080	41.446	ng		100
72) Anthracene	11.463	178	909095	40.562	ng		100
73) Carbazole	11.621	167	847210	41.299	ng		99
74) Di-n-butylphthalate	11.945	149	1040667	42.658	ng		99
75) Fluoranthene	12.604	202	934912	40.133	ng		99
77) Benzidine	12.727	184	163813	32.289	ng		100
78) Pyrene	12.833	202	939879	47.366	ng		100
80) Butylbenzylphthalate	13.457	149	356498	47.903	ng		99
81) Benzo(a)anthracene	14.033	228	624294	42.219	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	142692	30.458	ng		99
83) Chrysene	14.068	228	579317	40.449	ng		99
84) Bis(2-ethylhexyl)phtha...	14.021	149	428390	50.096	ng		99
85) Di-n-octyl phthalate	14.639	149	627148	49.912	ng		100
87) Indeno(1,2,3-cd)pyrene	17.104	276	672718	46.126	ng		98
88) Benzo(b)fluoranthene	15.104	252	529025	42.806	ng		99
89) Benzo(k)fluoranthene	15.133	252	541526	43.036	ng		99
90) Benzo(a)pyrene	15.486	252	488266	40.856	ng		99
91) Dibenzo(a,h)anthracene	17.121	278	551299	46.279	ng		98
92) Benzo(g,h,i)perylene	17.574	276	546108	44.455	ng		98

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

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