Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
Data File : BF134219.D
Acq On : 11 Jul 2023 18:32
Operator : CG\JU
Sample : PB154060BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 12 01:28:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 13:06:48 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB154060BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

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07/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	97220	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	382036	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	190313	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	377919	20.000	ng	0.00
76) Chrysene-d12	14.039	240	195774	20.000	ng	0.00
86) Perylene-d12	15.539	264	179153	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	678360	116.719	ng	0.01
7) Phenol-d6	6.486	99	809196	113.214	ng	0.00
23) Nitrobenzene-d5	7.410	82	554052	78.177	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	281747	118.076	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1022405	78.106	ng	0.00
79) Terphenyl-d14	12.974	244	1152141	94.715	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.704	88	96774	40.383	ng	98
3) Pyridine	3.481	79	195725	31.356	ng	97
4) n-Nitrosodimethylamine	3.440	42	151564	42.513	ng	96
6) Aniline	6.510	93	190303	21.880	ng	91
8) 2-Chlorophenol	6.634	128	265600	45.018	ng	94
9) Benzaldehyde	6.398	77	94260	21.067	ng	98
10) Phenol	6.498	94	313233	41.681	ng	93
11) bis(2-Chloroethyl)ether	6.581	93	242468	43.824	ng	99
12) 1,3-Dichlorobenzene	6.786	146	283793	45.119	ng	97
13) 1,4-Dichlorobenzene	6.863	146	292598	46.056	ng	98
14) 1,2-Dichlorobenzene	7.010	146	276635	46.494	ng	99
15) Benzyl Alcohol	6.992	79	232279	42.155	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.122	45	396510	40.509	ng	95
17) 2-Methylphenol	7.104	107	223658	42.334	ng	96
18) Hexachloroethane	7.351	117	109223	46.366	ng	94
19) n-Nitroso-di-n-propyla...	7.263	70	188229	41.527	ng	98
20) 3+4-Methylphenols	7.257	107	266094	41.517	ng	99
22) Acetophenone	7.257	105	382257	43.996	ng	96
24) Nitrobenzene	7.428	77	289481	40.420	ng	94
25) Isophorone	7.663	82	514817	39.969	ng	98
26) 2-Nitrophenol	7.745	139	146425	42.620	ng	99
27) 2,4-Dimethylphenol	7.781	122	231743	42.613	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	293963	39.415	ng	99
29) 2,4-Dichlorophenol	7.986	162	223279	41.404	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	237124	42.614	ng	98
31) Naphthalene	8.145	128	744346	40.336	ng	99
32) Benzoic acid	7.910	122	166546	40.869	ng	98
33) 4-Chloroaniline	8.198	127	91238	11.558	ng	98
34) Hexachlorobutadiene	8.257	225	154760	44.090	ng	99
35) Caprolactam	8.575	113	74909m	42.187	ng	
36) 4-Chloro-3-methylphenol	8.686	107	251527	41.519	ng	96
37) 2-Methylnaphthalene	8.839	142	501260	38.412	ng	100
38) 1-Methylnaphthalene	8.939	142	467560	38.541	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	246508	43.720	ng	98
41) Hexachlorocyclopentadiene	8.992	237	223305	83.481	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	156047	40.656	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	170462	37.756	ng	97
46) 1,1'-Biphenyl	9.304	154	639722	41.904	ng	98
47) 2-Chloronaphthalene	9.333	162	472252	42.280	ng	99
48) 2-Nitroaniline	9.433	65	168338	41.353	ng	90
49) Acenaphthylene	9.745	152	764085	40.045	ng	99
50) Dimethylphthalate	9.610	163	547823	39.655	ng	99
51) 2,6-Dinitrotoluene	9.675	165	121384	40.795	ng	90
52) Acenaphthene	9.922	154	451484	40.778	ng	99
53) 3-Nitroaniline	9.845	138	98813	27.682	ng	99
54) 2,4-Dinitrophenol	9.957	184	135077	78.675	ng	98
55) Dibenzofuran	10.092	168	686362	39.667	ng	99
56) 4-Nitrophenol	10.016	139	180968	72.477	ng	96
57) 2,4-Dinitrotoluene	10.080	165	166599	42.397	ng	90
58) Fluorene	10.439	166	545169	40.498	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	144698	40.631	ng	99
60) Diethylphthalate	10.310	149	568857	39.523	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	257047	39.622	ng	97
62) 4-Nitroaniline	10.469	138	131630	36.590	ng	97
63) Azobenzene	10.592	77	530842	38.991	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	92683	44.983	ng	80
66) n-Nitrosodiphenylamine	10.551	169	480363	39.783	ng	99
67) 4-Bromophenyl-phenylether	10.921	248	159270	39.651	ng	96
68) Hexachlorobenzene	10.986	284	188624	44.227	ng	98
69) Atrazine	11.080	200	131174	39.274	ng	97
70) Pentachlorophenol	11.186	266	174854	68.568	ng	98
71) Phenanthrene	11.404	178	778151	40.901	ng	99
72) Anthracene	11.457	178	794885	40.170	ng	100
73) Carbazole	11.616	167	751339	41.482	ng	98
74) Di-n-butylphthalate	11.945	149	866876	40.247	ng	100
75) Fluoranthene	12.598	202	825373	40.129	ng	99
77) Benzidine	12.727	184	113105	24.280	ng	98
78) Pyrene	12.833	202	831137	45.618	ng	99
80) Butylbenzylphthalate	13.451	149	301090	44.063	ng	99
81) Benzo(a)anthracene	14.027	228	576200	42.439	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	136183	31.659	ng	98
83) Chrysene	14.068	228	533435	40.564	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	336757	42.890	ng	100
85) Di-n-octyl phthalate	14.633	149	482973	41.863	ng	98
87) Indeno(1,2,3-cd)pyrene	17.092	276	621998	50.034	ng	97
88) Benzo(b)fluoranthene	15.098	252	505936	48.027	ng	100
89) Benzo(k)fluoranthene	15.127	252	457910	42.693	ng	99
90) Benzo(a)pyrene	15.480	252	436106	42.812	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	508179	50.048	ng	98
92) Benzo(g,h,i)perylene	17.562	276	511151	48.816	ng	97

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

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