Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062023\
Data File : BF133849.D
Acq On : 20 Jun 2023 11:10
Operator : CG\JU
Sample : PB153261BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 20 11:48:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 19 16:00:59 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB153261BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/21/2023
Supervised By :mohammad ahmed 06/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	108987	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	430733	20.000	ng		0.00
39) Acenaphthene-d10	9.898	164	219045	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	408793	20.000	ng		0.00
76) Chrysene-d12	14.051	240	222919	20.000	ng		0.00
86) Perylene-d12	15.551	264	249548	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	755928	120.748	ng		0.00
7) Phenol-d6	6.498	99	903634	110.890	ng		0.00
23) Nitrobenzene-d5	7.422	82	618180	78.170	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	290333	104.711	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	1147278	74.454	ng		0.00
79) Terphenyl-d14	12.986	244	1211787	84.114	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	110726	40.230	ng		97
3) Pyridine	3.498	79	246555	30.734	ng		99
4) n-Nitrosodimethylamine	3.463	42	178746	40.309	ng		97
6) Aniline	6.522	93	287822	28.043	ng		95
8) 2-Chlorophenol	6.645	128	295471	44.786	ng		96
9) Benzaldehyde	6.410	77	73164	13.533	ng		100
10) Phenol	6.510	94	356176	41.858	ng		95
11) bis(2-Chloroethyl)ether	6.598	93	273278	43.260	ng		96
12) 1,3-Dichlorobenzene	6.798	146	316851	44.950	ng		98
13) 1,4-Dichlorobenzene	6.875	146	324232	45.509	ng		98
14) 1,2-Dichlorobenzene	7.028	146	310515	48.234	ng		97
15) Benzyl Alcohol	7.004	79	271996	42.736	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	496990	46.411	ng		99
17) 2-Methylphenol	7.110	107	247739	42.365	ng		99
18) Hexachloroethane	7.369	117	119775	49.107	ng		98
19) n-Nitroso-di-n-propyla...	7.275	70	212706	41.026	ng		98
20) 3+4-Methylphenols	7.263	107	300462	39.498	ng		91
22) Acetophenone	7.269	105	415840	42.093	ng	#	96
24) Nitrobenzene	7.445	77	333843	41.924	ng		97
25) Isophorone	7.681	82	594356	40.938	ng		99
26) 2-Nitrophenol	7.757	139	165001	46.171	ng		97
27) 2,4-Dimethylphenol	7.792	122	267051	43.355	ng		100
28) bis(2-Chloroethoxy)met...	7.892	93	340659	40.597	ng		100
29) 2,4-Dichlorophenol	7.998	162	255817	42.375	ng		98
30) 1,2,4-Trichlorobenzene	8.081	180	268304	42.598	ng		97
31) Naphthalene	8.163	128	845412	40.286	ng		99
32) Benzoic acid	7.916	122	202654	52.166	ng		95
33) 4-Chloroaniline	8.210	127	94090	10.486	ng		94
34) Hexachlorobutadiene	8.275	225	167357	40.583	ng		98
35) Caprolactam	8.586	113	84541m	41.617	ng		
36) 4-Chloro-3-methylphenol	8.692	107	284725	40.917	ng		98
37) 2-Methylnaphthalene	8.851	142	572370	39.255	ng		99
38) 1-Methylnaphthalene	8.951	142	532099	39.658	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	271589	40.784	ng		99
41) Hexachlorocyclopentadiene	9.004	237	337850	113.849	ng		95
43) 2,4,6-Trichlorophenol	9.133	196	182235	40.952	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	197954	38.237	ng		99
46) 1,1'-Biphenyl	9.322	154	725475	41.065	ng		99
47) 2-Chloronaphthalene	9.345	162	532342	42.008	ng		100
48) 2-Nitroaniline	9.439	65	186761	40.297	ng		95
49) Acenaphthylene	9.763	152	884738	40.113	ng		99
50) Dimethylphthalate	9.622	163	635894	38.893	ng		99
51) 2,6-Dinitrotoluene	9.686	165	140774	41.714	ng		90
52) Acenaphthene	9.933	154	517002	40.046	ng		99
53) 3-Nitroaniline	9.851	138	93404	22.743	ng		87
54) 2,4-Dinitrophenol	9.963	184	166341	99.375	ng		88
55) Dibenzofuran	10.104	168	792389	40.223	ng		97
56) 4-Nitrophenol	10.022	139	215802	77.859	ng		85
57) 2,4-Dinitrotoluene	10.092	165	184899	43.079	ng		98
58) Fluorene	10.451	166	612352	40.647	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	168206	43.398	ng		98
60) Diethylphthalate	10.322	149	662587	39.818	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	294685	39.623	ng		97
62) 4-Nitroaniline	10.475	138	144529	35.893	ng		97
63) Azobenzene	10.604	77	628890	39.922	ng		97
65) 4,6-Dinitro-2-methylph...	10.498	198	105678	54.099	ng		76
66) n-Nitrosodiphenylamine	10.563	169	537741	39.161	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	181679	39.819	ng		96
68) Hexachlorobenzene	10.998	284	203337	42.379	ng		98
69) Atrazine	11.092	200	166288	41.737	ng		97
70) Pentachlorophenol	11.192	266	218042	75.891	ng		97
71) Phenanthrene	11.416	178	853690	41.161	ng		100
72) Anthracene	11.469	178	871670	40.308	ng		100
73) Carbazole	11.627	167	775343	38.495	ng		98
74) Di-n-butylphthalate	11.957	149	968525	37.509	ng		99
75) Fluoranthene	12.610	202	850612	38.621	ng		98
77) Benzidine	12.733	184	237662	31.772	ng		98
78) Pyrene	12.839	202	894229	43.063	ng		100
80) Butylbenzylphthalate	13.463	149	342461	39.064	ng		97
81) Benzo(a)anthracene	14.039	228	635218	41.196	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	161898	31.582	ng	#	97
83) Chrysene	14.074	228	600620	41.184	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	429590	39.798	ng		99
85) Di-n-octyl phthalate	14.651	149	720596	46.977	ng		99
87) Indeno(1,2,3-cd)pyrene	17.109	276	804366	46.852	ng		98
88) Benzo(b)fluoranthene	15.110	252	636105	41.962	ng		100
89) Benzo(k)fluoranthene	15.139	252	619840	41.976	ng		98
90) Benzo(a)pyrene	15.492	252	576823	41.000	ng		99
91) Dibenzo(a,h)anthracene	17.127	278	649019	45.663	ng		99
92) Benzo(g,h,i)perylene	17.580	276	650360	46.150	ng		98

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

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