Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
Data File : BF136493.D
Acq On : 11 Dec 2023 16:35
Operator : CG\JU
Sample : PB157670BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 11 16:56:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB157670BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
12/14/2023
Supervised By :mohammad ahmed
12/14/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	129323	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	545293	20.000	ng		0.00
39) Acenaphthene-d10	9.834	164	287258	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	542183	20.000	ng		0.00
76) Chrysene-d12	13.980	240	291161	20.000	ng		0.00
86) Perylene-d12	15.451	264	240494	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	977502	111.628	ng		0.02
7) Phenol-d6	6.451	99	1219236	111.596	ng		0.00
23) Nitrobenzene-d5	7.363	82	729210	72.294	ng		0.00
42) 2,4,6-Tribromophenol	10.634	330	397598	112.255	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1505563	71.516	ng		0.00
79) Terphenyl-d14	12.922	244	1702611	77.075	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.658	88	128046	36.969	ng		96
3) Pyridine	3.416	79	235160	28.036	ng		99
4) n-Nitrosodimethylamine	3.381	42	147547	40.489	ng		96
6) Aniline	6.463	93	157369	14.253	ng	#	1
8) 2-Chlorophenol	6.587	128	404766	42.340	ng		99
10) Phenol	6.463	94	465731	40.060	ng		98
11) bis(2-Chloroethyl)ether	6.540	93	356212	41.106	ng		95
12) 1,3-Dichlorobenzene	6.740	146	405507	37.718	ng		99
13) 1,4-Dichlorobenzene	6.816	146	405829	37.212	ng		98
14) 1,2-Dichlorobenzene	6.963	146	390409	38.068	ng		98
15) Benzyl Alcohol	6.946	79	304247	41.586	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	422149	37.877	ng		95
17) 2-Methylphenol	7.057	107	328642	42.552	ng		97
18) Hexachloroethane	7.304	117	142246	37.358	ng		96
19) n-Nitroso-di-n-propyla...	7.216	70	249341	39.563	ng		98
20) 3+4-Methylphenols	7.210	107	399282	41.650	ng		95
22) Acetophenone	7.210	105	536918	39.874	ng		96
24) Nitrobenzene	7.381	77	381672	37.614	ng		98
25) Isophorone	7.616	82	702101	38.743	ng		99
26) 2-Nitrophenol	7.693	139	209420	41.981	ng		99
27) 2,4-Dimethylphenol	7.740	122	352692	57.338	ng		98
28) bis(2-Chloroethoxy)met...	7.828	93	438988	39.422	ng		99
29) 2,4-Dichlorophenol	7.940	162	334986	41.259	ng		100
30) 1,2,4-Trichlorobenzene	8.016	180	362940	38.336	ng		99
31) Naphthalene	8.098	128	1143147	38.015	ng		99
32) Benzoic acid	7.881	122	264642	43.370	ng		96
33) 4-Chloroaniline	8.145	127	170430	15.898	ng		99
34) Hexachlorobutadiene	8.210	225	203420	36.255	ng		99
35) Caprolactam	8.528	113	110175m	44.065	ng		
36) 4-Chloro-3-methylphenol	8.640	107	359838	41.741	ng		98
37) 2-Methylnaphthalene	8.787	142	752023	39.310	ng		97
38) 1-Methylnaphthalene	8.887	142	702229	37.407	ng		97
40) 1,2,4,5-Tetrachloroben...	8.957	216	362774	40.592	ng		99
41) Hexachlorocyclopentadiene	8.939	237	314251	94.913	ng		97
43) 2,4,6-Trichlorophenol	9.069	196	234194	40.246	ng		99
44) 2,4,5-Trichlorophenol	9.122	196	256456	39.487	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.257	154	963846	39.433	ng		99
47) 2-Chloronaphthalene	9.281	162	729449	38.343	ng		98
48) 2-Nitroaniline	9.381	65	211207	41.394	ng		94
49) Acenaphthylene	9.698	152	1079798	39.844	ng		99
50) Dimethylphthalate	9.563	163	859776	40.653	ng		99
51) 2,6-Dinitrotoluene	9.622	165	191886	40.330	ng		93
52) Acenaphthene	9.869	154	688672	39.656	ng		97
53) 3-Nitroaniline	9.792	138	140932	29.007	ng		94
54) 2,4-Dinitrophenol	9.904	184	217620	90.464	ng	#	90
55) Dibenzofuran	10.039	168	1007357	39.707	ng		98
56) 4-Nitrophenol	9.969	139	300423	82.482	ng		98
57) 2,4-Dinitrotoluene	10.034	165	257219	40.866	ng		96
58) Fluorene	10.386	166	790871	38.834	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	218864	42.070	ng		100
60) Diethylphthalate	10.263	149	826754	39.755	ng		99
61) 4-Chlorophenyl-phenyle...	10.381	204	383579	38.636	ng		94
62) 4-Nitroaniline	10.416	138	192125	39.824	ng		97
63) Azobenzene	10.539	77	725785	38.342	ng		98
65) 4,6-Dinitro-2-methylph...	10.439	198	151751	45.193	ng		99
66) n-Nitrosodiphenylamine	10.498	169	715693	41.138	ng		99
67) 4-Bromophenyl-phenylether	10.869	248	248748	39.460	ng		96
68) Hexachlorobenzene	10.933	284	284720	39.079	ng	#	92
69) Atrazine	11.022	200	25563	5.148	ng		98
70) Pentachlorophenol	11.133	266	289497	70.404	ng		98
71) Phenanthrene	11.351	178	1210837	40.631	ng		100
72) Anthracene	11.404	178	1197296	39.889	ng		99
73) Carbazole	11.563	167	1056256	39.759	ng		99
74) Di-n-butylphthalate	11.892	149	1267484	38.918	ng		100
75) Fluoranthene	12.545	202	1193552	38.219	ng		98
77) Benzidine	12.669	184	34007	8.351	ng		100
78) Pyrene	12.775	202	1189983	41.732	ng		99
80) Butylbenzylphthalate	13.398	149	417630	41.142	ng		93
81) Benzo(a)anthracene	13.969	228	831379	40.993	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	218291	38.388	ng		98
83) Chrysene	14.004	228	793419	39.763	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	508327	40.849	ng		98
85) Di-n-octyl phthalate	14.580	149	745947	40.582	ng		99
87) Indeno(1,2,3-cd)pyrene	16.962	276	832415	49.822	ng		100
88) Benzo(b)fluoranthene	15.021	252	773978	47.070	ng		100
89) Benzo(k)fluoranthene	15.057	252	686246	44.285	ng		99
90) Benzo(a)pyrene	15.392	252	632050	46.544	ng		99
91) Dibenzo(a,h)anthracene	16.980	278	693063	50.634	ng		99
92) Benzo(g,h,i)perylene	17.421	276	696424	49.571	ng		98

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

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