Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021723\
Data File : BF132456.D
Acq On : 17 Feb 2023 18:25
Operator : CG\JU
Sample : PB150925BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 18 01:00:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 18 00:58:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
02/18/2023
Supervised By :mohammad ahmed
02/20/2023

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Supervised By :mohammad ahmed

02/20/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.025	152	249794	20.000	ng		0.00
21) Naphthalene-d8	8.313	136	934755	20.000	ng		0.00
39) Acenaphthene-d10	10.078	164	491524	20.000	ng		0.00
64) Phenanthrene-d10	11.572	188	933743	20.000	ng		0.00
76) Chrysene-d12	14.230	240	606718	20.000	ng		0.00
86) Perylene-d12	15.783	264	499577	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.660	112	1827951	117.258	ng		0.02
7) Phenol-d6	6.654	99	2408837	118.338	ng		0.00
23) Nitrobenzene-d5	7.595	82	1604860	82.495	ng		0.00
42) 2,4,6-Tribromophenol	10.872	330	617715	125.958	ng		0.00
45) 2-Fluorobiphenyl	9.389	172	2394355	75.227	ng		0.00
79) Terphenyl-d14	13.160	244	2887125	86.664	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.031	88	304412	36.097	ng		99
3) Pyridine	3.760	79	776659	33.928	ng		99
4) n-Nitrosodimethylamine	3.731	42	371328	41.084	ng		92
6) Aniline	6.690	93	869213	30.651	ng		97
8) 2-Chlorophenol	6.807	128	733034	46.060	ng		97
9) Benzaldehyde	6.572	77	214091	19.671	ng		99
10) Phenol	6.666	94	892492m	41.373	ng		
11) bis(2-Chloroethyl)ether	6.754	93	880989	48.146	ng		99
12) 1,3-Dichlorobenzene	6.966	146	758784	43.767	ng		99
13) 1,4-Dichlorobenzene	7.043	146	756024	43.715	ng		99
14) 1,2-Dichlorobenzene	7.195	146	733845	46.315	ng		98
15) Benzyl Alcohol	7.166	79	676708	44.944	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.295	45	1121929	44.098	ng		98
17) 2-Methylphenol	7.272	107	618623	40.833	ng		99
18) Hexachloroethane	7.537	117	303140	46.423	ng		93
19) n-Nitroso-di-n-propyla...	7.437	70	530660	42.524	ng		100
20) 3+4-Methylphenols	7.425	107	724099	38.711	ng	#	80
22) Acetophenone	7.437	105	969268	40.009	ng		98
24) Nitrobenzene	7.613	77	863061	40.464	ng		97
25) Isophorone	7.848	82	1598668	41.820	ng		99
26) 2-Nitrophenol	7.925	139	395620	47.714	ng		97
27) 2,4-Dimethylphenol	7.954	122	645008	43.086	ng		99
28) bis(2-Chloroethoxy)met...	8.054	93	938580	42.015	ng		99
29) 2,4-Dichlorophenol	8.166	162	601533	42.592	ng		98
30) 1,2,4-Trichlorobenzene	8.248	180	672002	42.784	ng		97
31) Naphthalene	8.337	128	1915068	39.478	ng		100
32) Benzoic acid	8.090	122	503743	46.806	ng		98
33) 4-Chloroaniline	8.390	127	263844	13.091	ng		94
34) Hexachlorobutadiene	8.442	225	420036	42.359	ng		98
35) Caprolactam	8.754	113	215412m	46.982	ng		
36) 4-Chloro-3-methylphenol	8.860	107	671555	42.496	ng		98
37) 2-Methylnaphthalene	9.025	142	1270592	38.919	ng		98
38) 1-Methylnaphthalene	9.125	142	1182935	38.567	ng		100
40) 1,2,4,5-Tetrachloroben...	9.195	216	652005	40.938	ng		99
41) Hexachlorocyclopentadiene	9.178	237	817277	93.428	ng		99
43) 2,4,6-Trichlorophenol	9.301	196	463155	44.145	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.348	196	489057	40.020	ng		99
46) 1,1'-Biphenyl	9.495	154	1531106	40.247	ng		99
47) 2-Chloronaphthalene	9.519	162	1236686	41.416	ng		100
48) 2-Nitroaniline	9.613	65	446694	42.637	ng		96
49) Acenaphthylene	9.936	152	1877367	39.572	ng		99
50) Dimethylphthalate	9.789	163	1463750	40.439	ng		100
51) 2,6-Dinitrotoluene	9.854	165	338415	42.991	ng		99
52) Acenaphthene	10.113	154	1365193	46.240	ng		99
53) 3-Nitroaniline	10.025	138	276561	30.600	ng		93
54) 2,4-Dinitrophenol	10.136	184	442126	89.782	ng		97
55) Dibenzofuran	10.284	168	1714688	39.143	ng		99
56) 4-Nitrophenol	10.189	139	567912	86.613	ng		92
57) 2,4-Dinitrotoluene	10.260	165	458059	44.205	ng		97
58) Fluorene	10.631	166	1299391	39.235	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.395	232	412420	44.655	ng		98
60) Diethylphthalate	10.495	149	1453633	40.853	ng		100
61) 4-Chlorophenyl-phenyle...	10.613	204	686638	39.591	ng		100
62) 4-Nitroaniline	10.654	138	357507	42.392	ng		96
63) Azobenzene	10.778	77	1575195	40.010	ng		97
65) 4,6-Dinitro-2-methylph...	10.672	198	278679	48.005	ng		90
66) n-Nitrosodiphenylamine	10.736	169	1195874	41.728	ng		100
67) 4-Bromophenyl-phenylether	11.107	248	436629	42.665	ng		98
68) Hexachlorobenzene	11.178	284	481997	45.057	ng		99
69) Atrazine	11.260	200	411987	46.704	ng		99
70) Pentachlorophenol	11.372	266	543519	81.721	ng		98
71) Phenanthrene	11.595	178	1955999	40.672	ng		99
72) Anthracene	11.648	178	1966721	39.781	ng		99
73) Carbazole	11.801	167	1847730	41.520	ng		99
74) Di-n-butylphthalate	12.119	149	2269542	42.816	ng		99
75) Fluoranthene	12.789	202	2140029	39.902	ng		98
77) Benzidine	12.907	184	565152	43.745	ng		98
78) Pyrene	13.025	202	2189555	42.482	ng		99
80) Butylbenzylphthalate	13.630	149	947976	49.291	ng		99
81) Benzo(a)anthracene	14.219	228	1885403	42.429	ng		99
82) 3,3'-Dichlorobenzidine	14.177	252	472414	39.802	ng	#	98
83) Chrysene	14.254	228	1730830	40.767	ng		99
84) Bis(2-ethylhexyl)phtha...	14.189	149	1305939	52.455	ng	#	98
85) Di-n-octyl phthalate	14.813	149	2100540	58.104	ng		99
87) Indeno(1,2,3-cd)pyrene	17.401	276	1507452	47.204	ng		99
88) Benzo(b)fluoranthene	15.318	252	1645671	50.092	ng		99
89) Benzo(k)fluoranthene	15.354	252	1506639	45.828	ng		99
90) Benzo(a)pyrene	15.718	252	1349414	44.198	ng		99
91) Dibenzo(a,h)anthracene	17.418	278	1251050	47.564	ng		98
92) Benzo(g,h,i)perylene	17.895	276	1283143	47.502	ng		99

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

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