Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
Data File : BF137512.D
Acq On : 06 Mar 2024 11:53
Operator : CG\JU
Sample : PB159466BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 06 12:13:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 00:07:28 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB159466BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/07/2024
Supervised By :mohammad ahmed 03/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	239113	20.000	ng		-0.01
21) Naphthalene-d8	8.128	136	974890	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	533345	20.000	ng		0.00
64) Phenanthrene-d10	11.386	188	953901	20.000	ng		0.00
76) Chrysene-d12	14.045	240	504249	20.000	ng		0.00
86) Perylene-d12	15.568	264	484445	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1931504	122.341	ng		0.01
7) Phenol-d6	6.504	99	2669701	117.147	ng		0.00
23) Nitrobenzene-d5	7.422	82	1743793	83.111	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	656803	140.232	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	2729225	80.102	ng		0.00
79) Terphenyl-d14	12.986	244	3111138	84.842	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	312055	36.149	ng		99
3) Pyridine	3.551	79	700615	33.652	ng		99
4) n-Nitrosodimethylamine	3.528	42	374637	44.705	ng		98
6) Aniline	6.522	93	688038	24.708	ng	#	65
8) 2-Chlorophenol	6.640	128	778884	46.774	ng		94
10) Phenol	6.516	94	1035574	42.219	ng		93
11) bis(2-Chloroethyl)ether	6.598	93	813648	45.267	ng		99
12) 1,3-Dichlorobenzene	6.792	146	788646	44.321	ng		100
13) 1,4-Dichlorobenzene	6.869	146	786209	43.184	ng		98
14) 1,2-Dichlorobenzene	7.022	146	757318	45.320	ng		98
15) Benzyl Alcohol	7.004	79	720543	50.787	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	1337835	43.300	ng		96
17) 2-Methylphenol	7.116	107	666291	42.761	ng		97
18) Hexachloroethane	7.357	117	279844	46.682	ng		95
19) n-Nitroso-di-n-propyla...	7.275	70	587758	41.766	ng		99
20) 3+4-Methylphenols	7.263	107	731420	40.986	ng		95
22) Acetophenone	7.263	105	1042136	44.181	ng	#	96
24) Nitrobenzene	7.439	77	906263	42.998	ng		96
25) Isophorone	7.675	82	1744517	43.765	ng		99
26) 2-Nitrophenol	7.751	139	404357	48.322	ng		94
27) 2,4-Dimethylphenol	7.792	122	622490	39.812	ng		99
28) bis(2-Chloroethoxy)met...	7.886	93	1025001	43.826	ng		99
29) 2,4-Dichlorophenol	7.992	162	645898	45.010	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	671297	44.453	ng		99
31) Naphthalene	8.151	128	2169264	41.472	ng		100
32) Benzoic acid	7.939	122	408340	45.697	ng		98
33) 4-Chloroaniline	8.204	127	206594	10.073	ng		99
34) Hexachlorobutadiene	8.269	225	387255	43.437	ng		99
35) Caprolactam	8.586	113	223005m	45.830	ng		
36) 4-Chloro-3-methylphenol	8.692	107	728955	45.445	ng		99
37) 2-Methylnaphthalene	8.845	142	1320026	39.587	ng		99
38) 1-Methylnaphthalene	8.945	142	1294361	41.219	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	667478	44.828	ng		98
41) Hexachlorocyclopentadiene	8.998	237	603129	97.274	ng		99
43) 2,4,6-Trichlorophenol	9.128	196	454014	46.824	ng		98
44) 2,4,5-Trichlorophenol	9.175	196	472404	42.294	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.310	154	1701400	43.585	ng		98
47) 2-Chloronaphthalene	9.333	162	1331827	44.749	ng		98
48) 2-Nitroaniline	9.439	65	479890	47.440	ng		99
49) Acenaphthylene	9.751	152	2098107	44.051	ng		100
50) Dimethylphthalate	9.622	163	1623463	43.727	ng		100
51) 2,6-Dinitrotoluene	9.681	165	362804	46.720	ng		98
52) Acenaphthene	9.922	154	1187321	41.756	ng		99
53) 3-Nitroaniline	9.851	138	206096	25.091	ng		91
54) 2,4-Dinitrophenol	9.963	184	368811	95.587	ng		97
55) Dibenzofuran	10.098	168	1787838	41.281	ng		98
56) 4-Nitrophenol	10.028	139	528591	89.862	ng		97
57) 2,4-Dinitrotoluene	10.092	165	440898	46.213	ng		94
58) Fluorene	10.445	166	1360354	40.900	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	413410	46.155	ng		94
60) Diethylphthalate	10.328	149	1534851	43.778	ng		99
61) 4-Chlorophenyl-phenyle...	10.433	204	674528	41.381	ng		99
62) 4-Nitroaniline	10.480	138	319281	45.226	ng		94
63) Azobenzene	10.598	77	1717092	42.533	ng		99
65) 4,6-Dinitro-2-methylph...	10.498	198	250504	47.118	ng		98
66) n-Nitrosodiphenylamine	10.563	169	1274350	41.487	ng		100
67) 4-Bromophenyl-phenylether	10.927	248	446130	42.940	ng		97
68) Hexachlorobenzene	10.992	284	482980	46.026	ng	#	91
69) Atrazine	11.092	200	433304	46.403	ng		97
70) Pentachlorophenol	11.192	266	544324	85.806	ng		99
71) Phenanthrene	11.410	178	2133541	41.098	ng		98
72) Anthracene	11.463	178	2176666	40.824	ng		99
73) Carbazole	11.622	167	1929875	42.257	ng		100
74) Di-n-butylphthalate	11.957	149	2377580	43.756	ng		98
75) Fluoranthene	12.604	202	2096223	41.310	ng		99
77) Benzidine	12.733	184	293127	23.754	ng		98
78) Pyrene	12.839	202	2147964	43.412	ng		99
80) Butylbenzylphthalate	13.468	149	706280	55.894	ng		98
81) Benzo(a)anthracene	14.033	228	1562401	44.208	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	323706	34.394	ng		99
83) Chrysene	14.074	228	1511643	42.319	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	870821	54.220	ng		100
85) Di-n-octyl phthalate	14.663	149	1591944	51.030	ng		98
87) Indeno(1,2,3-cd)pyrene	17.156	276	1471531	46.159	ng		99
88) Benzo(b)fluoranthene	15.121	252	1398811	48.813	ng		97
89) Benzo(k)fluoranthene	15.151	252	1301787	42.293	ng		99
90) Benzo(a)pyrene	15.510	252	1220603	43.223	ng		99
91) Dibenzo(a,h)anthracene	17.186	278	1213237	46.913	ng		99
92) Benzo(g,h,i)perylene	17.639	276	1196879	45.065	ng		99

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

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