Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030724\
Data File : BF137528.D
Acq On : 07 Mar 2024 14:11
Operator : CG\JU
Sample : PB159470BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 07 14:32:42 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 :
PB159470BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
03/08/2024
Supervised By :mohammad ahmed
03/09/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	248652	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	1034407	20.000	ng		0.01
39) Acenaphthene-d10	9.904	164	571707	20.000	ng		0.01
64) Phenanthrene-d10	11.398	188	1020589	20.000	ng		0.01
76) Chrysene-d12	14.063	240	559047	20.000	ng		0.01
86) Perylene-d12	15.592	264	486116	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	2061827	125.586	ng		0.03
7) Phenol-d6	6.522	99	2876462	121.378	ng		0.02
23) Nitrobenzene-d5	7.434	82	1851976	83.188	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	754058	150.193	ng		0.01
45) 2-Fluorobiphenyl	9.228	172	2906457	79.580	ng		0.01
79) Terphenyl-d14	13.004	244	3512674	86.402	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	323217	36.005	ng		99
3) Pyridine	3.587	79	747702	34.536	ng		100
4) n-Nitrosodimethylamine	3.569	42	395917	45.370	ng		96
6) Aniline	6.540	93	719203	24.837	ng	#	82
8) 2-Chlorophenol	6.657	128	838189	48.404	ng		94
9) Benzaldehyde	6.428	77	47683	4.107	ng		94
10) Phenol	6.534	94	1106733	43.389	ng		89
11) bis(2-Chloroethyl)ether	6.610	93	876932	46.916	ng		98
12) 1,3-Dichlorobenzene	6.810	146	839139	45.349	ng		98
13) 1,4-Dichlorobenzene	6.887	146	862307	45.547	ng		99
14) 1,2-Dichlorobenzene	7.034	146	808944	46.552	ng		98
15) Benzyl Alcohol	7.016	79	784145	53.149	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1388221	43.207	ng		93
17) 2-Methylphenol	7.128	107	702898	43.379	ng		97
18) Hexachloroethane	7.369	117	300932	48.274	ng		94
19) n-Nitroso-di-n-propyla...	7.287	70	634452	43.354	ng		97
20) 3+4-Methylphenols	7.281	107	790185	42.580	ng		93
22) Acetophenone	7.275	105	1104286	44.122	ng	#	97
24) Nitrobenzene	7.451	77	979581	43.802	ng		99
25) Isophorone	7.686	82	1884256	44.550	ng		99
26) 2-Nitrophenol	7.763	139	449248	50.598	ng		97
27) 2,4-Dimethylphenol	7.804	122	642933	38.754	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	1106917	44.605	ng		100
29) 2,4-Dichlorophenol	8.004	162	713300	46.847	ng		98
30) 1,2,4-Trichlorobenzene	8.086	180	719417	44.899	ng		98
31) Naphthalene	8.169	128	2322366	41.845	ng		100
32) Benzoic acid	7.963	122	472081	49.227	ng		98
33) 4-Chloroaniline	8.216	127	306877	14.101	ng		99
34) Hexachlorobutadiene	8.281	225	416701	44.050	ng		100
35) Caprolactam	8.604	113	239887m	46.463	ng		
36) 4-Chloro-3-methylphenol	8.710	107	806803	47.404	ng		100
37) 2-Methylnaphthalene	8.857	142	1464384	41.389	ng		99
38) 1-Methylnaphthalene	8.957	142	1376335	41.308	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	719570	45.084	ng		99
41) Hexachlorocyclopentadiene	9.010	237	635767	95.794	ng		100
43) 2,4,6-Trichlorophenol	9.139	196	497935	47.908	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	522701	43.657	ng		96
46) 1,1'-Biphenyl	9.328	154	1804650	43.128	ng		100
47) 2-Chloronaphthalene	9.351	162	1434422	44.963	ng		99
48) 2-Nitroaniline	9.451	65	542075	49.991	ng		94
49) Acenaphthylene	9.769	152	2254115	44.151	ng		99
50) Dimethylphthalate	9.639	163	1811074	45.507	ng		100
51) 2,6-Dinitrotoluene	9.698	165	403841	48.515	ng		95
52) Acenaphthene	9.939	154	1289944	42.321	ng		99
53) 3-Nitroaniline	9.869	138	288288	32.743	ng		92
54) 2,4-Dinitrophenol	9.980	184	441474	105.782	ng		97
55) Dibenzofuran	10.116	168	1937537	41.736	ng		100
56) 4-Nitrophenol	10.045	139	597640	94.535	ng		100
57) 2,4-Dinitrotoluene	10.104	165	488678	47.784	ng		90
58) Fluorene	10.457	166	1500104	42.076	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	458038	47.706	ng		94
60) Diethylphthalate	10.339	149	1696654	45.146	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	739744	42.336	ng		93
62) 4-Nitroaniline	10.498	138	371353	49.072	ng		95
63) Azobenzene	10.610	77	1898992	43.882	ng		97
65) 4,6-Dinitro-2-methylph...	10.516	198	306912	53.956	ng		94
66) n-Nitrosodiphenylamine	10.575	169	1412293	42.973	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	493355	44.382	ng		95
68) Hexachlorobenzene	11.004	284	547693	48.782	ng		94
69) Atrazine	11.110	200	419704	42.010	ng		98
70) Pentachlorophenol	11.204	266	623980	91.935	ng		99
71) Phenanthrene	11.427	178	2320385	41.777	ng		99
72) Anthracene	11.480	178	2371969	41.580	ng		100
73) Carbazole	11.639	167	2141901	43.835	ng		99
74) Di-n-butylphthalate	11.974	149	2629766	45.235	ng		99
75) Fluoranthene	12.621	202	2360971	43.487	ng		98
77) Benzidine	12.751	184	291601	21.314	ng		100
78) Pyrene	12.851	202	2395128	43.663	ng		99
80) Butylbenzylphthalate	13.480	149	868682	62.008	ng		98
81) Benzo(a)anthracene	14.051	228	1721766	43.942	ng		100
82) 3,3'-Dichlorobenzidine	14.021	252	421385	40.384	ng		97
83) Chrysene	14.092	228	1738209	43.892	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	1008783	56.654	ng	#	97
85) Di-n-octyl phthalate	14.674	149	1731059	50.157	ng		99
87) Indeno(1,2,3-cd)pyrene	17.198	276	1596410	49.904	ng		98
88) Benzo(b)fluoranthene	15.139	252	1429059	49.697	ng		98
89) Benzo(k)fluoranthene	15.168	252	1439800	46.616	ng		98
90) Benzo(a)pyrene	15.527	252	1315614	46.427	ng		99
91) Dibenzo(a,h)anthracene	17.221	278	1292094	49.791	ng		99
92) Benzo(g,h,i)perylene	17.686	276	1289360	48.380	ng		98

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

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