Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042424\
Data File : BF137712.D
Acq On : 24 Apr 2024 11:35
Operator : CG\JU
Sample : PB160276BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 24 12:29:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:57:12 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB160276BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.063	152	291051	20.000	ng		0.00
21) Naphthalene-d8	8.351	136	1182002	20.000	ng		0.00
39) Acenaphthene-d10	10.116	164	634864	20.000	ng		0.00
64) Phenanthrene-d10	11.610	188	1153399	20.000	ng		0.00
76) Chrysene-d12	14.262	240	746197	20.000	ng	#	0.00
86) Perylene-d12	15.833	264	557841	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.698	112	1672951	87.314	ng		0.02
7) Phenol-d6	6.675	99	2121076	87.175	ng		0.00
23) Nitrobenzene-d5	7.628	82	1912514	85.890	ng		0.00
42) 2,4,6-Tribromophenol	10.910	330	614475	95.918	ng		0.00
45) 2-Fluorobiphenyl	9.427	172	3575558	84.154	ng		0.00
79) Terphenyl-d14	13.198	244	4149989	89.516	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.098	88	312868	36.466	ng		99
3) Pyridine	3.822	79	815504	35.682	ng		99
4) n-Nitrosodimethylamine	3.798	42	455673	42.720	ng		98
6) Aniline	6.728	93	935149	30.879	ng		98
8) 2-Chlorophenol	6.845	128	944372	47.217	ng		96
9) Benzaldehyde	6.616	77	219089	16.045	ng		93
10) Phenol	6.692	94	1138847	46.852	ng		99
11) bis(2-Chloroethyl)ether	6.792	93	882945	44.534	ng		96
12) 1,3-Dichlorobenzene	7.004	146	954875	45.525	ng		99
13) 1,4-Dichlorobenzene	7.081	146	971499	46.006	ng		99
14) 1,2-Dichlorobenzene	7.234	146	937923	47.716	ng		99
15) Benzyl Alcohol	7.198	79	816179	44.841	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.328	45	1366727	44.824	ng		99
17) 2-Methylphenol	7.304	107	778717	43.822	ng		99
18) Hexachloroethane	7.581	117	353672	47.322	ng		99
19) n-Nitroso-di-n-propyla...	7.475	70	684633	43.514	ng		99
20) 3+4-Methylphenols	7.457	107	996980	43.439	ng	#	86
22) Acetophenone	7.475	105	1283938	44.411	ng		99
24) Nitrobenzene	7.645	77	993840	44.178	ng		95
25) Isophorone	7.886	82	1891429	45.737	ng		100
26) 2-Nitrophenol	7.963	139	496882	50.331	ng		99
27) 2,4-Dimethylphenol	7.986	122	936758	47.032	ng		98
28) bis(2-Chloroethoxy)met...	8.092	93	1129201	44.704	ng		99
29) 2,4-Dichlorophenol	8.198	162	808371	46.310	ng		99
30) 1,2,4-Trichlorobenzene	8.286	180	821244	46.158	ng		99
31) Naphthalene	8.375	128	2684074	44.500	ng		100
32) Benzoic acid	8.104	122	591296	46.886	ng		99
33) 4-Chloroaniline	8.410	127	499743	19.574	ng		98
34) Hexachlorobutadiene	8.480	225	481297	45.123	ng		98
35) Caprolactam	8.786	113	251593m	44.580	ng		
36) 4-Chloro-3-methylphenol	8.886	107	852737	46.059	ng		98
37) 2-Methylnaphthalene	9.063	142	1789230	43.219	ng		99
38) 1-Methylnaphthalene	9.163	142	1675375	43.284	ng		100
40) 1,2,4,5-Tetrachloroben...	9.227	216	794977	45.675	ng		99
41) Hexachlorocyclopentadiene	9.216	237	1101513	112.950	ng		98
43) 2,4,6-Trichlorophenol	9.333	196	595240	48.750	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.375	196	633169	45.248	ng		99
46) 1,1'-Biphenyl	9.527	154	2134204	46.210	ng		99
47) 2-Chloronaphthalene	9.557	162	1679651	47.178	ng		99
48) 2-Nitroaniline	9.651	65	535071	49.321	ng		91
49) Acenaphthylene	9.980	152	2582674	46.518	ng		99
50) Dimethylphthalate	9.827	163	2071190	46.825	ng		99
51) 2,6-Dinitrotoluene	9.892	165	469365	50.363	ng		88
52) Acenaphthene	10.151	154	1818060	50.572	ng		99
53) 3-Nitroaniline	10.063	138	341166	32.575	ng		99
54) 2,4-Dinitrophenol	10.169	184	506408	100.715	ng	#	44
55) Dibenzofuran	10.322	168	2440083	46.303	ng		99
56) 4-Nitrophenol	10.216	139	862296	105.872	ng		94
57) 2,4-Dinitrotoluene	10.298	165	622914	53.018	ng		99
58) Fluorene	10.669	166	1902730	46.209	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.433	232	541280	49.955	ng		99
60) Diethylphthalate	10.527	149	1997701	46.956	ng		98
61) 4-Chlorophenyl-phenyle...	10.651	204	946096	46.501	ng		99
62) 4-Nitroaniline	10.686	138	481337	48.251	ng		99
63) Azobenzene	10.816	77	1986910	45.576	ng		97
65) 4,6-Dinitro-2-methylph...	10.704	198	334916	50.644	ng		94
66) n-Nitrosodiphenylamine	10.774	169	1725050	44.159	ng		100
67) 4-Bromophenyl-phenylether	11.145	248	595180	44.533	ng		98
68) Hexachlorobenzene	11.216	284	622970	47.846	ng	#	92
69) Atrazine	11.298	200	599589	55.524	ng		99
70) Pentachlorophenol	11.404	266	792227	80.886	ng		100
71) Phenanthrene	11.633	178	2703761	44.284	ng		100
72) Anthracene	11.686	178	2739412	43.816	ng		100
73) Carbazole	11.839	167	2557562	45.139	ng		99
74) Di-n-butylphthalate	12.157	149	3111333	45.046	ng		99
75) Fluoranthene	12.827	202	2839106	44.239	ng		98
77) Benzidine	12.939	184	698056	40.052	ng		99
78) Pyrene	13.063	202	2836158	46.307	ng		100
80) Butylbenzylphthalate	13.668	149	1109286	51.073	ng		90
81) Benzo(a)anthracene	14.251	228	2371039	45.557	ng		99
82) 3,3'-Dichlorobenzidine	14.210	252	534070	33.166	ng	#	97
83) Chrysene	14.292	228	2179834	44.825	ng		100
84) Bis(2-ethylhexyl)phtha...	14.221	149	1648446	50.256	ng		99
85) Di-n-octyl phthalate	14.851	149	2395673	48.622	ng		99
87) Indeno(1,2,3-cd)pyrene	17.480	276	1695698	54.822	ng		100
88) Benzo(b)fluoranthene	15.362	252	1791387	50.183	ng		99
89) Benzo(k)fluoranthene	15.398	252	1799930	51.295	ng		98
90) Benzo(a)pyrene	15.768	252	1464308	45.728	ng		98
91) Dibenzo(a,h)anthracene	17.503	278	1424929	55.514	ng		99
92) Benzo(g,h,i)perylene	17.986	276	1405757	56.321	ng		98

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

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