Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
Data File : BF137556.D
Acq On : 11 Mar 2024 14:43
Operator : CG\JU
Sample : PB159519BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 02:03:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 12 02:00:03 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB159519BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2024
Supervised By :mohammad ahmed 03/12/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	223172	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	899300	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	497175	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	885571	20.000	ng		0.00
76) Chrysene-d12	14.098	240	464067	20.000	ng		0.00
86) Perylene-d12	15.651	264	433451	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	1738285	117.967	ng		0.02
7) Phenol-d6	6.557	99	2413041	113.448	ng		0.00
23) Nitrobenzene-d5	7.469	82	1521991	78.637	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	604127	138.369	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2453662	77.254	ng		0.00
79) Terphenyl-d14	13.039	244	2775960	82.256	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.904	88	278759	34.598	ng		98
3) Pyridine	3.669	79	625322	32.181	ng		99
4) n-Nitrosodimethylamine	3.657	42	312055	40.307	ng		96
6) Aniline	6.581	93	580578	22.339	ng		99
8) 2-Chlorophenol	6.698	128	702758	45.217	ng		100
9) Benzaldehyde	6.475	77	25063	2.405	ng		95
10) Phenol	6.569	94	936089	40.889	ng		98
11) bis(2-Chloroethyl)ether	6.651	93	724417	43.181	ng		98
12) 1,3-Dichlorobenzene	6.845	146	719695	43.335	ng		99
13) 1,4-Dichlorobenzene	6.922	146	743642	43.763	ng		98
14) 1,2-Dichlorobenzene	7.069	146	696517	44.658	ng		99
15) Benzyl Alcohol	7.051	79	644132	48.644	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1153124	39.987	ng		95
17) 2-Methylphenol	7.163	107	589477	40.533	ng		97
18) Hexachloroethane	7.404	117	254749	45.531	ng		93
19) n-Nitroso-di-n-propyla...	7.322	70	517394	39.392	ng		99
20) 3+4-Methylphenols	7.316	107	667091	40.051	ng		92
22) Acetophenone	7.310	105	930952	42.785	ng	#	97
24) Nitrobenzene	7.486	77	801859	41.242	ng		96
25) Isophorone	7.722	82	1538958	41.853	ng		97
26) 2-Nitrophenol	7.798	139	368566	47.747	ng		94
27) 2,4-Dimethylphenol	7.839	122	536510	37.197	ng		99
28) bis(2-Chloroethoxy)met...	7.933	93	919485	42.619	ng		99
29) 2,4-Dichlorophenol	8.039	162	598289	45.197	ng		97
30) 1,2,4-Trichlorobenzene	8.116	180	613974	44.075	ng		99
31) Naphthalene	8.198	128	1992011	41.285	ng		100
32) Benzoic acid	7.986	122	384796	46.546	ng		96
33) 4-Chloroaniline	8.251	127	259370	13.709	ng		99
34) Hexachlorobutadiene	8.316	225	352962	42.918	ng		98
35) Caprolactam	8.633	113	206185m	45.935	ng		
36) 4-Chloro-3-methylphenol	8.739	107	646099	43.665	ng		100
37) 2-Methylnaphthalene	8.892	142	1229298	39.965	ng		99
38) 1-Methylnaphthalene	8.992	142	1176167	40.603	ng		100
40) 1,2,4,5-Tetrachloroben...	9.057	216	603126	43.453	ng		99
41) Hexachlorocyclopentadiene	9.045	237	546559	94.793	ng		97
43) 2,4,6-Trichlorophenol	9.175	196	417909	46.236	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	444773	42.717	ng		96
46) 1,1'-Biphenyl	9.357	154	1535561	42.199	ng		98
47) 2-Chloronaphthalene	9.380	162	1211871	43.681	ng		98
48) 2-Nitroaniline	9.486	65	428686	45.461	ng		98
49) Acenaphthylene	9.798	152	1909895	43.017	ng		99
50) Dimethylphthalate	9.669	163	1483910	42.876	ng		100
51) 2,6-Dinitrotoluene	9.733	165	330975	45.722	ng	#	84
52) Acenaphthene	9.975	154	1086167	40.977	ng		99
53) 3-Nitroaniline	9.898	138	200588	26.197	ng		100
54) 2,4-Dinitrophenol	10.010	184	351156	97.457	ng		96
55) Dibenzofuran	10.145	168	1649493	40.858	ng		100
56) 4-Nitrophenol	10.075	139	474493	86.702	ng		99
57) 2,4-Dinitrotoluene	10.139	165	398489	44.807	ng		93
58) Fluorene	10.492	166	1246016	40.188	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	378016	45.274	ng		94
60) Diethylphthalate	10.374	149	1392773	42.615	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	607561	39.984	ng		93
62) 4-Nitroaniline	10.527	138	295014	44.829	ng		93
63) Azobenzene	10.645	77	1564659	41.576	ng		99
65) 4,6-Dinitro-2-methylph...	10.551	198	245286	49.696	ng		79
66) n-Nitrosodiphenylamine	10.610	169	1159947	40.676	ng		99
67) 4-Bromophenyl-phenylether	10.974	248	414716	42.996	ng		96
68) Hexachlorobenzene	11.039	284	447436	45.928	ng		95
69) Atrazine	11.145	200	347872	40.129	ng		100
70) Pentachlorophenol	11.239	266	497377	84.455	ng		99
71) Phenanthrene	11.463	178	1927953	40.004	ng		99
72) Anthracene	11.510	178	2016022	40.729	ng		100
73) Carbazole	11.674	167	1756966	41.439	ng		99
74) Di-n-butylphthalate	12.010	149	2167858	42.975	ng		100
75) Fluoranthene	12.657	202	1939747	41.176	ng		99
77) Benzidine	12.786	184	248152	21.851	ng		99
78) Pyrene	12.886	202	1953667	42.904	ng		99
80) Butylbenzylphthalate	13.521	149	651974	56.064	ng		97
81) Benzo(a)anthracene	14.086	228	1408476	43.303	ng		100
82) 3,3'-Dichlorobenzidine	14.057	252	309781	35.764	ng		99
83) Chrysene	14.127	228	1379452	41.962	ng		99
84) Bis(2-ethylhexyl)phtha...	14.086	149	765003	51.756	ng		99
85) Di-n-octyl phthalate	14.715	149	1267867	44.915	ng		98
87) Indeno(1,2,3-cd)pyrene	17.292	276	1343361	47.096	ng		98
88) Benzo(b)fluoranthene	15.186	252	1233886	48.123	ng		99
89) Benzo(k)fluoranthene	15.221	252	1131297	41.078	ng		98
90) Benzo(a)pyrene	15.586	252	1084593	42.925	ng		99
91) Dibenzo(a,h)anthracene	17.321	278	1083087	46.808	ng		98
92) Benzo(g,h,i)perylene	17.792	276	1083739	45.605	ng		99

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

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