Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
Data File : BF137734.D
Acq On : 26 Apr 2024 14:25
Operator : CG\JU
Sample : PB160534BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 26 14:52:36 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 :
PB160534BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	292935	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1175696	20.000	ng	0.00
39) Acenaphthene-d10	10.110	164	629297	20.000	ng	0.00
64) Phenanthrene-d10	11.604	188	1100823	20.000	ng	0.00
76) Chrysene-d12	14.257	240	693809	20.000	ng	# 0.00
86) Perylene-d12	15.827	264	530667	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	2285058	118.493	ng	0.02
7) Phenol-d6	6.681	99	2876698	117.470	ng	0.00
23) Nitrobenzene-d5	7.628	82	1795391	81.063	ng	0.00
42) 2,4,6-Tribromophenol	10.904	330	846938	133.374	ng	0.00
45) 2-Fluorobiphenyl	9.428	172	3376320	80.168	ng	0.00
79) Terphenyl-d14	13.192	244	3740137	86.767	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.093	88	300662	34.818	ng	98
3) Pyridine	3.822	79	705851	30.685	ng	99
4) n-Nitrosodimethylamine	3.793	42	431548	40.198	ng	92
6) Aniline	6.728	93	488021	16.011	ng	97
8) 2-Chlorophenol	6.845	128	919610	45.683	ng	97
10) Phenol	6.692	94	1054322	43.096	ng	96
11) bis(2-Chloroethyl)ether	6.792	93	840512	42.121	ng	96
12) 1,3-Dichlorobenzene	7.004	146	936571	44.365	ng	99
13) 1,4-Dichlorobenzene	7.081	146	953916	44.883	ng	99
14) 1,2-Dichlorobenzene	7.234	146	915756	46.289	ng	99
15) Benzyl Alcohol	7.198	79	772468	42.166	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.328	45	1282636	41.796	ng	99
17) 2-Methylphenol	7.298	107	727139	40.656	ng	99
18) Hexachloroethane	7.581	117	339223	45.097	ng	95
19) n-Nitroso-di-n-propyla...	7.469	70	632009	39.911	ng	99
20) 3+4-Methylphenols	7.451	107	930136	40.266	ng	96
22) Acetophenone	7.469	105	1231471	42.825	ng	99
24) Nitrobenzene	7.645	77	930753	41.595	ng	97
25) Isophorone	7.881	82	1736672	42.220	ng	100
26) 2-Nitrophenol	7.957	139	483080	49.195	ng	94
27) 2,4-Dimethylphenol	7.986	122	730391	36.868	ng	98
28) bis(2-Chloroethoxy)met...	8.086	93	1053826	41.944	ng	99
29) 2,4-Dichlorophenol	8.198	162	768281	44.249	ng	99
30) 1,2,4-Trichlorobenzene	8.286	180	799967	45.203	ng	99
31) Naphthalene	8.369	128	2582315	43.042	ng	100
32) Benzoic acid	8.104	122	607772	48.451	ng	97
33) 4-Chloroaniline	8.410	127	368303	14.503	ng	99
34) Hexachlorobutadiene	8.481	225	471702	44.461	ng	98
35) Caprolactam	8.786	113	249438m	44.436	ng	
36) 4-Chloro-3-methylphenol	8.886	107	793352	43.082	ng	97
37) 2-Methylnaphthalene	9.063	142	1691716	41.083	ng	99
38) 1-Methylnaphthalene	9.163	142	1604064	41.664	ng	100
40) 1,2,4,5-Tetrachloroben...	9.228	216	780677	45.250	ng	99
41) Hexachlorocyclopentadiene	9.210	237	902913	93.404	ng	98
43) 2,4,6-Trichlorophenol	9.333	196	551812	45.593	ng	98
44) 2,4,5-Trichlorophenol	9.386	196	581422	41.917	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.527	154	2035920	44.472	ng		99
47) 2-Chloronaphthalene	9.557	162	1625784	46.069	ng		99
48) 2-Nitroaniline	9.645	65	494309	45.967	ng		97
49) Acenaphthylene	9.975	152	2499916	45.425	ng		100
50) Dimethylphthalate	9.827	163	1898264	43.295	ng		100
51) 2,6-Dinitrotoluene	9.886	165	431642	46.725	ng		93
52) Acenaphthene	10.145	154	1720937	48.293	ng		100
53) 3-Nitroaniline	10.057	138	293487	28.270	ng		95
54) 2,4-Dinitrophenol	10.163	184	511537	102.529	ng	#	46
55) Dibenzofuran	10.322	168	2272296	43.501	ng		99
56) 4-Nitrophenol	10.210	139	735672	91.124	ng		98
57) 2,4-Dinitrotoluene	10.292	165	584721	50.207	ng		97
58) Fluorene	10.663	166	1789920	43.854	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.427	232	497892	46.357	ng		97
60) Diethylphthalate	10.527	149	1776060	42.116	ng		100
61) 4-Chlorophenyl-phenyle...	10.651	204	878366	43.554	ng		96
62) 4-Nitroaniline	10.680	138	434740	43.966	ng		100
63) Azobenzene	10.810	77	1803470	41.734	ng		98
65) 4,6-Dinitro-2-methylph...	10.704	198	328613	52.064	ng	#	75
66) n-Nitrosodiphenylamine	10.769	169	1575373	42.254	ng		99
67) 4-Bromophenyl-phenylether	11.145	248	551350	43.224	ng		96
68) Hexachlorobenzene	11.210	284	579973	46.671	ng		97
69) Atrazine	11.292	200	391772	38.012	ng		98
70) Pentachlorophenol	11.404	266	761452	81.457	ng		99
71) Phenanthrene	11.633	178	2476785	42.504	ng		100
72) Anthracene	11.686	178	2504572	41.974	ng		99
73) Carbazole	11.833	167	2309444	42.706	ng		100
74) Di-n-butylphthalate	12.151	149	2714012	41.170	ng		100
75) Fluoranthene	12.821	202	2576770	42.069	ng		98
77) Benzidine	12.933	184	252336	15.571	ng		99
78) Pyrene	13.057	202	2607557	45.789	ng		100
80) Butylbenzylphthalate	13.663	149	965135	47.791	ng		92
81) Benzo(a)anthracene	14.245	228	2120355	43.816	ng		99
82) 3,3'-Dichlorobenzidine	14.204	252	465678	31.102	ng	#	96
83) Chrysene	14.286	228	1965435	43.468	ng		99
84) Bis(2-ethylhexyl)phtha...	14.215	149	1310663	42.975	ng		100
85) Di-n-octyl phthalate	14.845	149	1862584	40.657	ng		98
87) Indeno(1,2,3-cd)pyrene	17.474	276	1671450	56.805	ng		99
88) Benzo(b)fluoranthene	15.351	252	1627962	47.940	ng		100
89) Benzo(k)fluoranthene	15.386	252	1585492	47.498	ng		99
90) Benzo(a)pyrene	15.762	252	1387359	45.543	ng		98
91) Dibenzo(a,h)anthracene	17.492	278	1385106	56.725	ng		99
92) Benzo(g,h,i)perylene	17.974	276	1359259	57.247	ng		98

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

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