Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111422\
Data File : BM037505.D
Acq On : 14 Nov 2022 16:49
Operator : CG/JU
Sample : PB148803BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 15 00:03:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 14 01:42:00 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB148803BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
11/15/2022
Supervised By :mohammad ahmed
11/17/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.793	152	258850	20.000	ng		0.00
21) Naphthalene-d8	10.598	136	1143987	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	715890	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	1429699	20.000	ng		0.00
76) Chrysene-d12	21.374	240	1589741	20.000	ng		0.00
86) Perylene-d12	23.709	264	1441033	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	2157992	157.437	ng		0.00
7) Phenol-d6	6.981	99	2904812	147.293	ng		0.00
23) Nitrobenzene-d5	8.969	82	1776672	80.707	ng		0.00
42) 2,4,6-Tribromophenol	15.939	330	1390990	140.522	ng		0.00
45) 2-Fluorobiphenyl	13.069	172	4260769	82.716	ng		0.00
79) Terphenyl-d14	19.815	244	7260326	91.210	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	199844	35.278	ng		98
3) Pyridine	3.652	79	504981	28.925	ng		99
4) n-Nitrosodimethylamine	3.563	42	317940	39.862	ng	#	98
6) Aniline	7.128	93	932170	37.357	ng		99
8) 2-Chlorophenol	7.363	128	855582	46.285	ng		98
9) Benzaldehyde	6.945	77	81021	7.477	ng		97
10) Phenol	7.004	94	1063427	47.342	ng		99
11) bis(2-Chloroethyl)ether	7.228	93	783679	43.092	ng		99
12) 1,3-Dichlorobenzene	7.681	146	813851	41.068	ng		99
13) 1,4-Dichlorobenzene	7.828	146	849495	41.476	ng		99
14) 1,2-Dichlorobenzene	8.145	146	831149	41.237	ng		99
15) Benzyl Alcohol	8.051	79	675830m	44.374	ng		
16) 2,2'-oxybis(1-Chloropr...	8.334	45	1099570	41.536	ng		100
17) 2-Methylphenol	8.251	107	707799	44.395	ng		99
18) Hexachloroethane	8.863	117	320822	41.814	ng		97
19) n-Nitroso-di-n-propyla...	8.616	70	630973	40.518	ng		98
20) 3+4-Methylphenols	8.587	107	957165	42.772	ng		99
22) Acetophenone	8.634	105	1248388	42.196	ng	#	99
24) Nitrobenzene	9.010	77	918458	40.447	ng		99
25) Isophorone	9.539	82	1680557	41.380	ng		100
26) 2-Nitrophenol	9.716	139	450999	42.580	ng		97
27) 2,4-Dimethylphenol	9.786	122	792613	52.093	ng		98
28) bis(2-Chloroethoxy)met...	10.022	93	1069193	45.648	ng		99
29) 2,4-Dichlorophenol	10.251	162	799774	43.724	ng		98
30) 1,2,4-Trichlorobenzene	10.457	180	779364	39.217	ng		100
31) Naphthalene	10.645	128	2525536	38.966	ng		100
32) Benzoic acid	9.963	122	579276	39.438	ng		98
33) 4-Chloroaniline	10.775	127	850821	32.500	ng		99
34) Hexachlorobutadiene	10.916	225	459664	39.705	ng		98
35) Caprolactam	11.592	113	256072m	39.941	ng		
36) 4-Chloro-3-methylphenol	11.904	107	830185	41.800	ng		100
37) 2-Methylnaphthalene	12.263	142	1794434	39.342	ng		99
38) 1-Methylnaphthalene	12.480	142	1738389	38.342	ng		99
40) 1,2,4,5-Tetrachloroben...	12.627	216	909680	43.733	ng		99
41) Hexachlorocyclopentadiene	12.598	237	1029888	96.620	ng		100
43) 2,4,6-Trichlorophenol	12.880	196	643656	42.677	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	727770	43.581	ng	99
46) 1,1'-Biphenyl	13.274	154	2397218	43.242	ng	99
47) 2-Chloronaphthalene	13.322	162	1820871	40.842	ng	99
48) 2-Nitroaniline	13.539	65	571903	41.652	ng	99
49) Acenaphthylene	14.163	152	2910758	40.762	ng	99
50) Dimethylphthalate	13.916	163	2275743	39.717	ng	99
51) 2,6-Dinitrotoluene	14.039	165	503671	40.910	ng	99
52) Acenaphthene	14.510	154	1761674	40.416	ng	99
53) 3-Nitroaniline	14.374	138	460044	32.526	ng	95
54) 2,4-Dinitrophenol	14.580	184	652535	77.101	ng	98
55) Dibenzofuran	14.845	168	2778620	39.865	ng	99
56) 4-Nitrophenol	14.692	139	947792	78.597	ng	99
57) 2,4-Dinitrotoluene	14.827	165	714010	41.891	ng	99
58) Fluorene	15.492	166	2394955	40.519	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.074	232	595027	39.060	ng	99
60) Diethylphthalate	15.274	149	2280156	39.027	ng	99
61) 4-Chlorophenyl-phenyle...	15.486	204	1155546	41.838	ng	99
62) 4-Nitroaniline	15.539	138	498222	36.403	ng	99
63) Azobenzene	15.780	77	2193386	40.117	ng	99
65) 4,6-Dinitro-2-methylph...	15.586	198	377248	39.135	ng	97
66) n-Nitrosodiphenylamine	15.710	169	1962256	42.782	ng	98
67) 4-Bromophenyl-phenylether	16.380	248	681315	42.577	ng	98
68) Hexachlorobenzene	16.486	284	826950	41.419	ng	99
69) Atrazine	16.668	200	579294	45.385	ng	99
70) Pentachlorophenol	16.845	266	1095360	93.187	ng	99
71) Phenanthrene	17.233	178	3533066	40.256	ng	100
72) Anthracene	17.321	178	3576052	42.491	ng	100
73) Carbazole	17.604	167	3321546	42.212	ng	99
74) Di-n-butylphthalate	18.162	149	3983499	38.037	ng	100
75) Fluoranthene	19.251	202	4179656	39.954	ng	99
77) Benzidine	19.451	184	1741797	67.034	ng	99
78) Pyrene	19.609	202	4423344	42.428	ng	100
80) Butylbenzylphthalate	20.515	149	1885672	42.071	ng	99
81) Benzo(a)anthracene	21.362	228	4498033	40.364	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1746538	48.237	ng	100
83) Chrysene	21.415	228	4244302	39.450	ng	100
84) Bis(2-ethylhexyl)phtha...	21.286	149	2875738	43.550	ng	98
85) Di-n-octyl phthalate	22.192	149	4704849	41.518	ng	100
87) Indeno(1,2,3-cd)pyrene	26.127	276	4655165	39.114	ng	99
88) Benzo(b)fluoranthene	23.003	252	4750037	49.159	ng	99
89) Benzo(k)fluoranthene	23.050	252	4566702	46.599	ng	100
90) Benzo(a)pyrene	23.609	252	3945258	49.000	ng	100
91) Dibenzo(a,h)anthracene	26.144	278	4192320	42.525	ng	99
92) Benzo(g,h,i)perylene	26.868	276	3856173	40.425	ng	99

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

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