Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072723\
Data File : BP016403.D
Acq On : 27 Jul 2023 16:47
Operator : MA/JU
Sample : PB154028BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 28 02:13:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 01:48:25 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB154028BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	880794	20.000	ng	0.00
21) Naphthalene-d8	10.928	136	3593137	20.000	ng	0.00
39) Acenaphthene-d10	14.739	164	2260753	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	5007487	20.000	ng	0.00
76) Chrysene-d12	21.592	240	4832882	20.000	ng	0.00
86) Perylene-d12	24.192	264	5535042	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	3894873	72.141	ng	0.00
7) Phenol-d6	7.234	99	4969678	67.156	ng	0.00
23) Nitrobenzene-d5	9.293	82	2858800	44.538	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	2371936	71.317	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	6988482	44.318	ng	0.00
79) Terphenyl-d14	20.045	244	11175641	48.848	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	364468	17.309	ng	99
3) Pyridine	3.869	79	1000045	15.888	ng	99
4) n-Nitrosodimethylamine	3.799	42	484490	20.415	ng	99
6) Aniline	7.422	93	1823712	19.952	ng	99
8) 2-Chlorophenol	7.646	128	1377841	24.340	ng	98
9) Benzaldehyde	7.240	77	786899	18.762	ng	100
10) Phenol	7.257	94	1728078	24.046	ng	99
11) bis(2-Chloroethyl)ether	7.522	93	1261974	21.603	ng	100
12) 1,3-Dichlorobenzene	7.975	146	1409073	23.187	ng	99
13) 1,4-Dichlorobenzene	8.128	146	1430456	23.205	ng	99
14) 1,2-Dichlorobenzene	8.446	146	1388406	23.392	ng	99
15) Benzyl Alcohol	8.340	79	1165272	23.048	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.628	45	1442038	21.766	ng	99
17) 2-Methylphenol	8.528	107	1168181	22.555	ng	99
18) Hexachloroethane	9.169	117	506196	23.021	ng	99
19) n-Nitroso-di-n-propyla...	8.910	70	965875	20.834	ng	99
20) 3+4-Methylphenols	8.857	107	1582181	22.493	ng	100
22) Acetophenone	8.940	105	1953370	21.532	ng	100
24) Nitrobenzene	9.334	77	1420686	21.549	ng	99
25) Isophorone	9.846	82	2722548	21.009	ng	99
26) 2-Nitrophenol	10.040	139	619077	23.494	ng	99
27) 2,4-Dimethylphenol	10.075	122	1392088	24.011	ng	99
28) bis(2-Chloroethoxy)met...	10.340	93	1712989	21.580	ng	99
29) 2,4-Dichlorophenol	10.557	162	1338640	24.672	ng	99
30) 1,2,4-Trichlorobenzene	10.775	180	1362778	23.189	ng	100
31) Naphthalene	10.981	128	4053577	21.568	ng	99
32) Benzoic acid	10.198	122	797890	24.515	ng	98
33) 4-Chloroaniline	11.098	127	1177883	13.894	ng	100
34) Hexachlorobutadiene	11.216	225	804501	23.122	ng	100
35) Caprolactam	11.910	113	452674m	22.832	ng	
36) 4-Chloro-3-methylphenol	12.187	107	1402526	23.255	ng	100
37) 2-Methylnaphthalene	12.575	142	2882128	21.109	ng	99
38) 1-Methylnaphthalene	12.792	142	2703609	21.121	ng	100
40) 1,2,4,5-Tetrachloroben...	12.922	216	1555219	22.637	ng	100
41) Hexachlorocyclopentadiene	12.875	237	1973048	57.182	ng	100
43) 2,4,6-Trichlorophenol	13.163	196	1070631	24.287	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	1197161	22.385	ng	98
46) 1,1'-Biphenyl	13.575	154	3727433	21.629	ng	100
47) 2-Chloronaphthalene	13.622	162	2914313	22.415	ng	99
48) 2-Nitroaniline	13.839	65	815312	22.247	ng	99
49) Acenaphthylene	14.463	152	4698549	21.781	ng	100
50) Dimethylphthalate	14.198	163	3813953	21.649	ng	100
51) 2,6-Dinitrotoluene	14.334	165	821071	22.750	ng	99
52) Acenaphthene	14.804	154	2781839	21.686	ng	100
53) 3-Nitroaniline	14.663	138	735910	18.036	ng	93
54) 2,4-Dinitrophenol	14.863	184	767000	48.885	ng	99
55) Dibenzofuran	15.139	168	4539298	21.576	ng	99
56) 4-Nitrophenol	14.945	139	1629135	51.006	ng	99
57) 2,4-Dinitrotoluene	15.110	165	1125218	23.922	ng	99
58) Fluorene	15.786	166	3577163	21.642	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.345	232	1068605	24.289	ng	100
60) Diethylphthalate	15.551	149	3754960	21.447	ng	99
61) 4-Chlorophenyl-phenyle...	15.775	204	1841843	22.083	ng	100
62) 4-Nitroaniline	15.833	138	877661	21.674	ng	99
63) Azobenzene	16.075	77	3423339	20.708	ng	99
65) 4,6-Dinitro-2-methylph...	15.857	198	519830	25.561	ng	99
66) n-Nitrosodiphenylamine	15.998	169	3260338	22.093	ng	100
67) 4-Bromophenyl-phenylether	16.680	248	1221306	23.034	ng	99
68) Hexachlorobenzene	16.757	284	1454836	24.604	ng	98
69) Atrazine	16.951	200	1231376	28.057	ng	99
70) Pentachlorophenol	17.122	266	1872842	45.769	ng	99
71) Phenanthrene	17.545	178	5852795	22.012	ng	100
72) Anthracene	17.633	178	5884575	22.009	ng	100
73) Carbazole	17.910	167	5614414	22.398	ng	100
74) Di-n-butylphthalate	18.433	149	6461566	22.281	ng	100
75) Fluoranthene	19.498	202	6977497	22.389	ng	100
77) Benzidine	19.692	184	3694236	44.089	ng	99
78) Pyrene	19.851	202	7265073	22.425	ng	100
80) Butylbenzylphthalate	20.716	149	2865505	22.514	ng	99
81) Benzo(a)anthracene	21.574	228	7256951	22.380	ng	100
82) 3,3'-Dichlorobenzidine	21.510	252	2515194	23.629	ng	100
83) Chrysene	21.633	228	6639083	21.441	ng	100
84) Bis(2-ethylhexyl)phtha...	21.468	149	4200149	21.980	ng	99
85) Di-n-octyl phthalate	22.463	149	7181097	22.345	ng	99
87) Indeno(1,2,3-cd)pyrene	26.974	276	8339042	22.347	ng	99
88) Benzo(b)fluoranthene	23.380	252	7609826	23.718	ng	99
89) Benzo(k)fluoranthene	23.439	252	7597025	23.282	ng	100
90) Benzo(a)pyrene	24.074	252	6613103	21.279	ng	100
91) Dibenzo(a,h)anthracene	27.003	278	7010832	22.528	ng	99
92) Benzo(g,h,i)perylene	27.839	276	6559912	21.874	ng	99

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

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