Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
Data File : BP016416.D
Acq On : 28 Jul 2023 10:57
Operator : MA/JU
Sample : PB154316BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 28 11:27:25 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 :
PB154316BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.093	152	403353	20.000	ng		0.00
21) Naphthalene-d8	10.922	136	1703008	20.000	ng		0.00
39) Acenaphthene-d10	14.734	164	1053377	20.000	ng		0.00
64) Phenanthrene-d10	17.498	188	2313456	20.000	ng		0.00
76) Chrysene-d12	21.592	240	2213023	20.000	ng		0.00
86) Perylene-d12	24.186	264	2562448	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.605	112	3421783	138.398	ng		0.00
7) Phenol-d6	7.228	99	4511596	133.130	ng		0.00
23) Nitrobenzene-d5	9.287	82	2582740	84.896	ng		0.00
42) 2,4,6-Tribromophenol	16.228	330	1706891	110.145	ng		0.00
45) 2-Fluorobiphenyl	13.363	172	5919524	80.566	ng		0.00
79) Terphenyl-d14	20.039	244	9188074	87.704	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.458	88	323463	33.545	ng		98
3) Pyridine	3.869	79	947952	32.888	ng		99
4) n-Nitrosodimethylamine	3.799	42	464180	42.712	ng		96
6) Aniline	7.422	93	1631061	38.966	ng		99
8) 2-Chlorophenol	7.640	128	1257153	48.495	ng		96
9) Benzaldehyde	7.240	77	654286	41.880	ng		97
10) Phenol	7.258	94	1649425	50.119	ng		99
11) bis(2-Chloroethyl)ether	7.522	93	1182793	44.213	ng		100
12) 1,3-Dichlorobenzene	7.969	146	1241085	44.597	ng		97
13) 1,4-Dichlorobenzene	8.128	146	1269201	44.960	ng		100
14) 1,2-Dichlorobenzene	8.440	146	1232142	45.332	ng		99
15) Benzyl Alcohol	8.340	79	1108344	47.872	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.622	45	1360712	44.850	ng		99
17) 2-Methylphenol	8.522	107	1098642	46.321	ng		99
18) Hexachloroethane	9.169	117	457299	45.415	ng		93
19) n-Nitroso-di-n-propyla...	8.910	70	933431	43.967	ng		97
20) 3+4-Methylphenols	8.857	107	1487735	46.186	ng		98
22) Acetophenone	8.940	105	1857211	43.193	ng	#	99
24) Nitrobenzene	9.334	77	1371315	43.886	ng		97
25) Isophorone	9.846	82	2611069	42.511	ng		99
26) 2-Nitrophenol	10.034	139	577260	43.197	ng		94
27) 2,4-Dimethylphenol	10.069	122	1208047	43.964	ng		99
28) bis(2-Chloroethoxy)met...	10.334	93	1632289	43.386	ng		100
29) 2,4-Dichlorophenol	10.557	162	1205477	46.877	ng		98
30) 1,2,4-Trichlorobenzene	10.769	180	1181808	42.429	ng		98
31) Naphthalene	10.975	128	3716954	41.726	ng		99
32) Benzoic acid	10.199	122	811714	45.414	ng		97
33) 4-Chloroaniline	11.099	127	1001327	24.920	ng		99
34) Hexachlorobutadiene	11.210	225	654862	39.711	ng		99
35) Caprolactam	11.910	113	426470m	45.385	ng		
36) 4-Chloro-3-methylphenol	12.187	107	1345723	47.078	ng		99
37) 2-Methylnaphthalene	12.569	142	2611802	40.359	ng		99
38) 1-Methylnaphthalene	12.787	142	2504650	41.283	ng		99
40) 1,2,4,5-Tetrachloroben...	12.916	216	1313359	41.028	ng		99
41) Hexachlorocyclopentadiene	12.875	237	1537079	95.606	ng		100
43) 2,4,6-Trichlorophenol	13.163	196	940890	45.809	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.228	196	1051088	42.180	ng	96
46) 1,1'-Biphenyl	13.575	154	3449007	42.953	ng	100
47) 2-Chloronaphthalene	13.622	162	2648298	43.716	ng	98
48) 2-Nitroaniline	13.840	65	817517	47.875	ng	98
49) Acenaphthylene	14.463	152	4446705	44.240	ng	100
50) Dimethylphthalate	14.198	163	3464129	42.201	ng	99
51) 2,6-Dinitrotoluene	14.328	165	756395	44.980	ng	91
52) Acenaphthene	14.798	154	2538683	42.474	ng	100
53) 3-Nitroaniline	14.663	138	680356	35.786	ng	93
54) 2,4-Dinitrophenol	14.863	184	720811	90.462	ng	97
55) Dibenzofuran	15.134	168	4081644	41.638	ng	98
56) 4-Nitrophenol	14.945	139	1491647	100.230	ng	97
57) 2,4-Dinitrotoluene	15.110	165	1035994	47.271	ng	97
58) Fluorene	15.787	166	3254201	42.255	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.345	232	900317	43.920	ng	94
60) Diethylphthalate	15.551	149	3470369	42.542	ng	99
61) 4-Chlorophenyl-phenyle...	15.775	204	1588992	40.887	ng	97
62) 4-Nitroaniline	15.834	138	855624	45.349	ng	99
63) Azobenzene	16.075	77	3360529	43.629	ng	97
65) 4,6-Dinitro-2-methylph...	15.857	198	480172	44.809	ng	95
66) n-Nitrosodiphenylamine	15.998	169	2949833	43.266	ng	100
67) 4-Bromophenyl-phenylether	16.681	248	1001086	40.866	ng	97
68) Hexachlorobenzene	16.757	284	1136800	41.613	ng	95
69) Atrazine	16.951	200	1066075	52.577	ng	99
70) Pentachlorophenol	17.116	266	1365113	72.210	ng	95
71) Phenanthrene	17.539	178	5350911	43.559	ng	99
72) Anthracene	17.633	178	5401554	43.729	ng	100
73) Carbazole	17.910	167	5225288	45.120	ng	99
74) Di-n-butylphthalate	18.428	149	6093610	45.480	ng	99
75) Fluoranthene	19.498	202	6257881	43.463	ng	99
77) Benzidine	19.692	184	4104926	106.986	ng	100
78) Pyrene	19.851	202	6519886	43.949	ng	100
80) Butylbenzylphthalate	20.716	149	2802236	48.082	ng	99
81) Benzo(a)anthracene	21.574	228	6498266	43.764	ng	99
82) 3,3'-Dichlorobenzidine	21.504	252	1890917	38.794	ng	98
83) Chrysene	21.633	228	5988217	42.233	ng	100
84) Bis(2-ethylhexyl)phtha...	21.463	149	4144428	47.365	ng	100
85) Di-n-octyl phthalate	22.463	149	7284288	49.499	ng	99
87) Indeno(1,2,3-cd)pyrene	26.968	276	7834266	45.349	ng	97
88) Benzo(b)fluoranthene	23.380	252	6945091	46.757	ng	99
89) Benzo(k)fluoranthene	23.433	252	6500624	43.032	ng	98
90) Benzo(a)pyrene	24.074	252	6061900	42.134	ng	99
91) Dibenzo(a,h)anthracene	27.004	278	6519444	45.252	ng	98
92) Benzo(g,h,i)perylene	27.839	276	6153852	44.325	ng	98

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

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