Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
Data File : BP016415.D
Acq On : 28 Jul 2023 10:22
Operator : MA/JU
Sample : PB154198BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 28 10:57:50 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 :
PB154198BS

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	389823	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	1607125	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	950081	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	1999881	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1748145	20.000	ng	0.00
86) Perylene-d12	24.186	264	1780095	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	4115076	172.216	ng	0.00
7) Phenol-d6	7.234	99	5215753	159.250	ng	0.00
23) Nitrobenzene-d5	9.287	82	3081574	107.336	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	1875246	134.166	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	6697658	101.068	ng	0.00
79) Terphenyl-d14	20.039	244	9592527	115.914	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	383361	41.136	ng	98
3) Pyridine	3.869	79	1077031	38.663	ng	98
4) n-Nitrosodimethylamine	3.799	42	524017	49.891	ng	95
6) Aniline	7.422	93	1850214	45.736	ng	99
8) 2-Chlorophenol	7.646	128	1362120	54.368	ng	96
9) Benzaldehyde	7.240	77	774881	57.969	ng	97
10) Phenol	7.258	94	1731364	54.435	ng	99
11) bis(2-Chloroethyl)ether	7.522	93	1300626	50.305	ng	99
12) 1,3-Dichlorobenzene	7.969	146	1404105	52.206	ng	96
13) 1,4-Dichlorobenzene	8.128	146	1438527	52.727	ng	100
14) 1,2-Dichlorobenzene	8.440	146	1382623	52.634	ng	99
15) Benzyl Alcohol	8.340	79	1166619	52.138	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.628	45	1513835	51.629	ng	99
17) 2-Methylphenol	8.522	107	1152060	50.259	ng	99
18) Hexachloroethane	9.169	117	520403	53.476	ng	94
19) n-Nitroso-di-n-propyla...	8.910	70	982983	47.908	ng	96
20) 3+4-Methylphenols	8.857	107	1555998	49.981	ng	100
22) Acetophenone	8.940	105	1966379	48.460	ng	100
24) Nitrobenzene	9.334	77	1451070	49.209	ng	98
25) Isophorone	9.846	82	2710400	46.761	ng	99
26) 2-Nitrophenol	10.034	139	609652	47.971	ng	94
27) 2,4-Dimethylphenol	10.075	122	1347573	51.967	ng	99
28) bis(2-Chloroethoxy)met...	10.334	93	1719196	48.422	ng	100
29) 2,4-Dichlorophenol	10.557	162	1244222	51.270	ng	99
30) 1,2,4-Trichlorobenzene	10.775	180	1270377	48.330	ng	99
31) Naphthalene	10.975	128	3977537	47.316	ng	99
32) Benzoic acid	10.199	122	776343	45.942	ng	98
33) 4-Chloroaniline	11.099	127	1144139	30.173	ng	99
34) Hexachlorobutadiene	11.210	225	720403	46.292	ng	100
35) Caprolactam	11.910	113	423646m	47.774	ng	
36) 4-Chloro-3-methylphenol	12.187	107	1345303	49.871	ng	98
37) 2-Methylnaphthalene	12.569	142	2750115	45.032	ng	98
38) 1-Methylnaphthalene	12.793	142	2558552	44.687	ng	99
40) 1,2,4,5-Tetrachloroben...	12.916	216	1351068	46.795	ng	99
41) Hexachlorocyclopentadiene	12.875	237	1797909	123.988	ng	98
43) 2,4,6-Trichlorophenol	13.163	196	946347	51.084	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.228	196	1042735	46.394	ng		96
46) 1,1'-Biphenyl	13.575	154	3472722	47.951	ng		100
47) 2-Chloronaphthalene	13.622	162	2688768	49.210	ng		99
48) 2-Nitroaniline	13.840	65	809542	52.562	ng		98
49) Acenaphthylene	14.463	152	4298193	47.412	ng		100
50) Dimethylphthalate	14.198	163	3433125	46.371	ng		99
51) 2,6-Dinitrotoluene	14.328	165	743694	49.033	ng		88
52) Acenaphthene	14.798	154	2563804	47.558	ng		99
53) 3-Nitroaniline	14.663	138	666699	38.880	ng		94
54) 2,4-Dinitrophenol	14.863	184	698452	96.591	ng		97
55) Dibenzofuran	15.134	168	4079764	46.143	ng		98
56) 4-Nitrophenol	14.945	139	1501087	111.830	ng		97
57) 2,4-Dinitrotoluene	15.110	165	1014068	51.301	ng		96
58) Fluorene	15.787	166	3220759	46.368	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.345	232	875959	47.378	ng		93
60) Diethylphthalate	15.551	149	3460026	47.026	ng		99
61) 4-Chlorophenyl-phenyle...	15.775	204	1579820	45.071	ng		98
62) 4-Nitroaniline	15.834	138	806273	47.379	ng		98
63) Azobenzene	16.075	77	3342104	48.107	ng		97
65) 4,6-Dinitro-2-methylph...	15.857	198	467982	49.716	ng		93
66) n-Nitrosodiphenylamine	15.998	169	2915989	49.476	ng		100
67) 4-Bromophenyl-phenylether	16.681	248	994475	46.962	ng		95
68) Hexachlorobenzene	16.757	284	1120859	47.463	ng		95
69) Atrazine	16.951	200	1062325	60.607	ng		98
70) Pentachlorophenol	17.116	266	1471404	90.037	ng		95
71) Phenanthrene	17.539	178	5176635	48.748	ng		100
72) Anthracene	17.633	178	5222581	48.909	ng		100
73) Carbazole	17.910	167	4980990	49.754	ng		99
74) Di-n-butylphthalate	18.428	149	5894479	50.892	ng		99
75) Fluoranthene	19.492	202	5895894	47.369	ng		98
77) Benzidine	19.692	184	3628654	119.723	ng		99
78) Pyrene	19.851	202	6130921	52.317	ng		100
80) Butylbenzylphthalate	20.716	149	2557775	55.558	ng		98
81) Benzo(a)anthracene	21.574	228	5830869	49.712	ng		100
82) 3,3'-Dichlorobenzidine	21.504	252	1616565	41.985	ng	#	99
83) Chrysene	21.627	228	5409262	48.295	ng		100
84) Bis(2-ethylhexyl)phtha...	21.463	149	3763234	54.445	ng		100
85) Di-n-octyl phthalate	22.457	149	6291665	54.123	ng		99
87) Indeno(1,2,3-cd)pyrene	26.962	276	5782717	48.185	ng		97
88) Benzo(b)fluoranthene	23.380	252	5703285	55.272	ng		99
89) Benzo(k)fluoranthene	23.433	252	5705659	54.370	ng		99
90) Benzo(a)pyrene	24.074	252	4898804	49.014	ng		99
91) Dibenzo(a,h)anthracene	26.998	278	4843436	48.394	ng		98
92) Benzo(g,h,i)perylene	27.821	276	4547409	47.150	ng		97

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

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