Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012623\
Data File : BP013607.D
Acq On : 26 Jan 2023 22:19
Operator : CG/JU
Sample : PB150452BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB150452BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

Quant Time: Jan 27 04:18:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 03:27:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.157	152	191801	20.000	ng		0.00
21) Naphthalene-d8	10.986	136	752687	20.000	ng		0.00
39) Acenaphthene-d10	14.792	164	498732	20.000	ng		0.00
64) Phenanthrene-d10	17.551	188	1168382	20.000	ng		0.00
76) Chrysene-d12	21.633	240	1017717	20.000	ng		0.00
86) Perylene-d12	24.221	264	966190	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.687	112	1659749	155.067	ng		0.00
7) Phenol-d6	7.304	99	2120143	146.631	ng		0.00
23) Nitrobenzene-d5	9.328	82	1214854	88.687	ng		0.00
42) 2,4,6-Tribromophenol	16.286	330	1034869	136.290	ng		0.00
45) 2-Fluorobiphenyl	13.422	172	3105327	88.927	ng		0.00
79) Terphenyl-d14	20.080	244	5321755	92.275	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.528	88	175562	37.202	ng		99
3) Pyridine	3.940	79	479437	35.741	ng		98
4) n-Nitrosodimethylamine	3.846	42	222959	42.528	ng		93
6) Aniline	7.469	93	814116	42.485	ng		98
8) 2-Chlorophenol	7.716	128	589821	51.911	ng		99
9) Benzaldehyde	7.281	77	271170m	28.306	ng		
10) Phenol	7.328	94	764592	50.482	ng		99
11) bis(2-Chloroethyl)ether	7.569	93	586558	46.765	ng		99
12) 1,3-Dichlorobenzene	8.045	146	635871	48.482	ng		98
13) 1,4-Dichlorobenzene	8.193	146	645066	48.502	ng		100
14) 1,2-Dichlorobenzene	8.516	146	617596	49.323	ng		98
15) Benzyl Alcohol	8.393	79	521208	46.422	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.693	45	669505	47.368	ng		99
17) 2-Methylphenol	8.593	107	513603	46.993	ng		98
18) Hexachloroethane	9.251	117	222410	46.679	ng		97
19) n-Nitroso-di-n-propyla...	8.969	70	423612	45.082	ng		98
20) 3+4-Methylphenols	8.922	107	697437	46.566	ng		99
22) Acetophenone	8.987	105	851685	44.828	ng	#	98
24) Nitrobenzene	9.375	77	636114	44.371	ng		98
25) Isophorone	9.904	82	1281733	42.716	ng		99
26) 2-Nitrophenol	10.087	139	276062	44.826	ng		96
27) 2,4-Dimethylphenol	10.139	122	549652	48.214	ng		97
28) bis(2-Chloroethoxy)met...	10.381	93	778980	45.629	ng		99
29) 2,4-Dichlorophenol	10.622	162	615889	48.007	ng		98
30) 1,2,4-Trichlorobenzene	10.845	180	658591	46.302	ng		100
31) Naphthalene	11.039	128	1705948	44.603	ng		100
32) Benzoic acid	10.275	122	360384	43.364	ng		94
33) 4-Chloroaniline	11.139	127	392725	23.652	ng		98
34) Hexachlorobutadiene	11.322	225	425886	44.533	ng		99
35) Caprolactam	11.928	113	169870m	46.179	ng		
36) 4-Chloro-3-methylphenol	12.245	107	624696	45.932	ng		98
37) 2-Methylnaphthalene	12.633	142	1233864	42.211	ng		98
38) 1-Methylnaphthalene	12.851	142	1153387	42.158	ng		97
40) 1,2,4,5-Tetrachloroben...	12.992	216	783190	45.075	ng		99
41) Hexachlorocyclopentadiene	12.975	237	946328	105.418	ng		98
43) 2,4,6-Trichlorophenol	13.228	196	542054	46.625	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.298	196	586637	43.148	ng	99
46) 1,1'-Biphenyl	13.628	154	1664377	44.784	ng	98
47) 2-Chloronaphthalene	13.675	162	1286367	45.355	ng	99
48) 2-Nitroaniline	13.875	65	251124	37.813	ng	95
49) Acenaphthylene	14.516	152	2060910	44.054	ng	99
50) Dimethylphthalate	14.245	163	1713286	44.227	ng	99
51) 2,6-Dinitrotoluene	14.363	165	334044	42.880	ng	96
52) Acenaphthene	14.857	154	1447522m	48.346	ng	
53) 3-Nitroaniline	14.692	138	245036	34.083	ng	99
54) 2,4-Dinitrophenol	14.892	184	420375	88.311	ng	98
55) Dibenzofuran	15.192	168	2024901	43.182	ng	98
56) 4-Nitrophenol	14.992	139	604947	95.800	ng	94
57) 2,4-Dinitrotoluene	15.145	165	460681	44.045	ng	97
58) Fluorene	15.839	166	1549854	43.221	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.410	232	544164	46.200	ng	99
60) Diethylphthalate	15.604	149	1616110	45.682	ng	99
61) 4-Chlorophenyl-phenyle...	15.827	204	870951	43.012	ng	99
62) 4-Nitroaniline	15.857	138	307156	44.403	ng	97
63) Azobenzene	16.127	77	1541427	42.762	ng	98
65) 4,6-Dinitro-2-methylph...	15.910	198	256759	40.870	ng	99
66) n-Nitrosodiphenylamine	16.045	169	1424482	44.251	ng	99
67) 4-Bromophenyl-phenylether	16.727	248	589936	43.806	ng	99
68) Hexachlorobenzene	16.851	284	694392	47.172	ng	96
69) Atrazine	16.998	200	513903	52.224	ng	100
70) Pentachlorophenol	17.192	266	922767	80.662	ng	99
71) Phenanthrene	17.592	178	2704784	45.137	ng	100
72) Anthracene	17.680	178	2711396	44.780	ng	99
73) Carbazole	17.945	167	2435377	45.137	ng	99
74) Di-n-butylphthalate	18.480	149	2348389	47.449	ng	99
75) Fluoranthene	19.539	202	3307900	44.259	ng	100
77) Benzidine	19.710	184	858212	80.431	ng	99
78) Pyrene	19.892	202	3404349	43.222	ng	100
80) Butylbenzylphthalate	20.751	149	468718	43.806	ng	100
81) Benzo(a)anthracene	21.615	228	3245958	45.293	ng	99
82) 3,3'-Dichlorobenzidine	21.539	252	595382	34.921	ng	99
83) Chrysene	21.668	228	3012196	44.733	ng	99
84) Bis(2-ethylhexyl)phtha...	21.515	149	798116	47.557	ng	99
85) Di-n-octyl phthalate	22.509	149	1460558	51.886	ng	99
87) Indeno(1,2,3-cd)pyrene	26.956	276	3076037	45.285	ng	99
88) Benzo(b)fluoranthene	23.421	252	3060070	49.332	ng	99
89) Benzo(k)fluoranthene	23.480	252	2938570	47.720	ng	99
90) Benzo(a)pyrene	24.103	252	2565849	43.947	ng	99
91) Dibenzo(a,h)anthracene	26.980	278	2565454	45.389	ng	99
92) Benzo(g,h,i)perylene	27.803	276	2488204	44.710	ng	98

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

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