Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
Data File : BP013681.D
Acq On : 31 Jan 2023 19:21
Operator : CG/JU
Sample : PB150507BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 01 06:30:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 03:43:48 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB150507BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
02/01/2023
Supervised By :Jagrut Upadhyay
02/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.140	152	296873	20.000	ng		0.00
21) Naphthalene-d8	10.969	136	1165419	20.000	ng		0.00
39) Acenaphthene-d10	14.775	164	773594	20.000	ng		0.00
64) Phenanthrene-d10	17.533	188	1729773	20.000	ng		0.00
76) Chrysene-d12	21.610	240	1533445	20.000	ng		0.00
86) Perylene-d12	24.180	264	1334148	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.675	112	2611220	150.359	ng		0.00
7) Phenol-d6	7.293	99	3384041	146.264	ng		0.00
23) Nitrobenzene-d5	9.316	82	1868333	93.254	ng		0.00
42) 2,4,6-Tribromophenol	16.269	330	1653243	142.483	ng		0.00
45) 2-Fluorobiphenyl	13.404	172	4915230	88.906	ng		0.00
79) Terphenyl-d14	20.063	244	8268334	107.072	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.516	88	268223	36.507	ng		99
3) Pyridine	3.928	79	732505	34.627	ng		97
4) n-Nitrosodimethylamine	3.834	42	337195	44.455	ng		99
6) Aniline	7.457	93	1223728	40.572	ng		99
8) 2-Chlorophenol	7.699	128	925461	50.618	ng		99
9) Benzaldehyde	7.269	77	404702m	30.312	ng		
10) Phenol	7.316	94	1220489	50.496	ng		97
11) bis(2-Chloroethyl)ether	7.552	93	913661	47.322	ng		98
12) 1,3-Dichlorobenzene	8.028	146	995478	48.335	ng		99
13) 1,4-Dichlorobenzene	8.175	146	1015068	48.711	ng		100
14) 1,2-Dichlorobenzene	8.499	146	977595	49.026	ng		99
15) Benzyl Alcohol	8.381	79	806435m	49.223	ng		
16) 2,2'-oxybis(1-Chloropr...	8.675	45	1088815	48.286	ng		100
17) 2-Methylphenol	8.581	107	802297	47.369	ng		99
18) Hexachloroethane	9.234	117	336566	48.981	ng		96
19) n-Nitroso-di-n-propyla...	8.957	70	679138	46.785	ng		99
20) 3+4-Methylphenols	8.910	107	1075448	46.545	ng		98
22) Acetophenone	8.975	105	1349812	44.415	ng	#	99
24) Nitrobenzene	9.357	77	990829	45.595	ng		98
25) Isophorone	9.893	82	1929587	43.454	ng		100
26) 2-Nitrophenol	10.075	139	443229	44.269	ng		99
27) 2,4-Dimethylphenol	10.128	122	850415	47.454	ng		98
28) bis(2-Chloroethoxy)met...	10.369	93	1217609	45.749	ng		99
29) 2,4-Dichlorophenol	10.610	162	940886	48.237	ng		99
30) 1,2,4-Trichlorobenzene	10.828	180	1003888	46.384	ng		99
31) Naphthalene	11.022	128	2686639	43.843	ng		100
32) Benzoic acid	10.269	122	632833	44.461	ng		97
33) 4-Chloroaniline	11.128	127	550261	20.437	ng		99
34) Hexachlorobutadiene	11.304	225	628904	45.777	ng		99
35) Caprolactam	11.922	113	274785m	42.896	ng		
36) 4-Chloro-3-methylphenol	12.234	107	947802	46.194	ng		100
37) 2-Methylnaphthalene	12.616	142	1961559	42.573	ng		99
38) 1-Methylnaphthalene	12.834	142	1827539	42.225	ng		99
40) 1,2,4,5-Tetrachloroben...	12.981	216	1218607	46.141	ng		99
41) Hexachlorocyclopentadiene	12.957	237	1409291	116.910	ng		98
43) 2,4,6-Trichlorophenol	13.216	196	832985	47.897	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	899250	44.163	ng	100
46) 1,1'-Biphenyl	13.616	154	2659273	45.426	ng	98
47) 2-Chloronaphthalene	13.657	162	2075719	45.872	ng	100
48) 2-Nitroaniline	13.857	65	476118	42.466	ng	100
49) Acenaphthylene	14.504	152	3223148	44.169	ng	100
50) Dimethylphthalate	14.228	163	2665199	44.542	ng	100
51) 2,6-Dinitrotoluene	14.345	165	543210	44.397	ng	99
52) Acenaphthene	14.839	154	2315189m	49.281	ng	
53) 3-Nitroaniline	14.681	138	396925	31.407	ng	99
54) 2,4-Dinitrophenol	14.881	184	708001	87.558	ng	98
55) Dibenzofuran	15.175	168	3184362	43.310	ng	100
56) 4-Nitrophenol	14.981	139	995525	95.960	ng	98
57) 2,4-Dinitrotoluene	15.134	165	741513	45.209	ng	99
58) Fluorene	15.822	166	2512468	43.525	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.398	232	832636	47.026	ng	99
60) Diethylphthalate	15.586	149	2533944	44.175	ng	99
61) 4-Chlorophenyl-phenyle...	15.810	204	1392027	44.283	ng	99
62) 4-Nitroaniline	15.845	138	529461	40.903	ng	99
63) Azobenzene	16.110	77	2345322	44.261	ng	100
65) 4,6-Dinitro-2-methylph...	15.898	198	439388	44.286	ng	95
66) n-Nitrosodiphenylamine	16.028	169	2254758	44.799	ng	100
67) 4-Bromophenyl-phenylether	16.710	248	916690	46.230	ng	99
68) Hexachlorobenzene	16.833	284	1069972	48.730	ng	99
69) Atrazine	16.980	200	852382	52.046	ng	99
70) Pentachlorophenol	17.175	266	1426142	88.052	ng	100
71) Phenanthrene	17.575	178	4164274	44.914	ng	99
72) Anthracene	17.663	178	4178595	44.642	ng	99
73) Carbazole	17.927	167	3766053	44.310	ng	100
74) Di-n-butylphthalate	18.463	149	4281361	46.031	ng	100
75) Fluoranthene	19.522	202	4979515	43.140	ng	99
77) Benzidine	19.692	184	1638078	49.456	ng	99
78) Pyrene	19.874	202	5136240	49.786	ng	100
80) Butylbenzylphthalate	20.727	149	1431204	50.816	ng	97
81) Benzo(a)anthracene	21.592	228	4832344	45.369	ng	100
82) 3,3'-Dichlorobenzidine	21.516	252	1226033	36.409	ng	99
83) Chrysene	21.651	228	4495800	44.303	ng	100
84) Bis(2-ethylhexyl)phtha...	21.492	149	2241618	46.745	ng	99
85) Di-n-octyl phthalate	22.474	149	3704739	42.307	ng	100
87) Indeno(1,2,3-cd)pyrene	26.903	276	4210370	41.496	ng	100
88) Benzo(b)fluoranthene	23.392	252	4337991	54.100	ng	99
89) Benzo(k)fluoranthene	23.445	252	4311058	53.677	ng	100
90) Benzo(a)pyrene	24.068	252	3667779	46.081	ng	100
91) Dibenzo(a,h)anthracene	26.921	278	3567081	42.354	ng	99
92) Benzo(g,h,i)perylene	27.739	276	3419326	40.878	ng	99

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

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