Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011223\
Data File : BP013472.D
Acq On : 12 Jan 2023 23:08
Operator : CG/JU
Sample : PB150142BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB150142BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023

Quant Time: Jan 13 04:09:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 13 03:32:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	511267	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	2178014	20.000	ng		0.00
39) Acenaphthene-d10	14.557	164	1481832	20.000	ng		0.00
64) Phenanthrene-d10	17.316	188	3347646	20.000	ng		0.00
76) Chrysene-d12	21.404	240	3061681	20.000	ng		0.00
86) Perylene-d12	23.863	264	2953448	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	4582838	157.458	ng		0.00
7) Phenol-d6	7.081	99	6187394	150.395	ng		0.00
23) Nitrobenzene-d5	9.081	82	3630031	88.547	ng		0.00
42) 2,4,6-Tribromophenol	16.051	330	3166456	136.894	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	8961637	88.407	ng		0.00
79) Terphenyl-d14	19.863	244	12998063	86.794	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	425654	37.295	ng		99
3) Pyridine	3.740	79	1218789	34.254	ng		99
4) n-Nitrosodimethylamine	3.652	42	743394	43.570	ng		97
6) Aniline	7.234	93	2123038	38.617	ng		99
8) 2-Chlorophenol	7.469	128	1724125	51.186	ng		99
9) Benzaldehyde	7.046	77	744061	29.960	ng		99
10) Phenol	7.105	94	2253462	53.066	ng		100
11) bis(2-Chloroethyl)ether	7.328	93	1563326	45.416	ng		99
12) 1,3-Dichlorobenzene	7.793	146	1682127	47.401	ng		100
13) 1,4-Dichlorobenzene	7.940	146	1719898	47.554	ng		100
14) 1,2-Dichlorobenzene	8.258	146	1685546	47.704	ng		99
15) Benzyl Alcohol	8.152	79	1533994m	48.390	ng		
16) 2,2'-oxybis(1-Chloropr...	8.440	45	2416542	45.376	ng		99
17) 2-Methylphenol	8.357	107	1503203	47.818	ng		99
18) Hexachloroethane	8.987	117	608409	47.502	ng		98
19) n-Nitroso-di-n-propyla...	8.722	70	1290331	43.942	ng		99
20) 3+4-Methylphenols	8.687	107	2079667	47.617	ng		98
22) Acetophenone	8.740	105	2488492	44.615	ng	#	99
24) Nitrobenzene	9.122	77	1878381	44.296	ng		99
25) Isophorone	9.646	82	3629559	43.012	ng		99
26) 2-Nitrophenol	9.834	139	977538	46.634	ng		99
27) 2,4-Dimethylphenol	9.893	122	1721146	49.877	ng		100
28) bis(2-Chloroethoxy)met...	10.128	93	2223734	44.681	ng		99
29) 2,4-Dichlorophenol	10.369	162	1816057	50.153	ng		98
30) 1,2,4-Trichlorobenzene	10.581	180	1768671	46.153	ng		99
31) Naphthalene	10.769	128	5094059	44.230	ng		100
32) Benzoic acid	10.057	122	1437491	49.944	ng		98
33) 4-Chloroaniline	10.887	127	935819	17.787	ng		99
34) Hexachlorobutadiene	11.046	225	1086356	44.971	ng		98
35) Caprolactam	11.693	113	593299m	45.984	ng		
36) 4-Chloro-3-methylphenol	12.010	107	1896980	48.075	ng		99
37) 2-Methylnaphthalene	12.375	142	3749403	43.363	ng		99
38) 1-Methylnaphthalene	12.598	142	3515080	43.094	ng		99
40) 1,2,4,5-Tetrachloroben...	12.746	216	2176451	44.810	ng		99
41) Hexachlorocyclopentadiene	12.716	237	2840590	112.164	ng		99
43) 2,4,6-Trichlorophenol	12.987	196	1575388	47.173	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	1726922	44.069	ng	99
46) 1,1'-Biphenyl	13.387	154	5019642	44.805	ng	100
47) 2-Chloronaphthalene	13.434	162	3941027	45.865	ng	99
48) 2-Nitroaniline	13.640	65	1269978	44.902	ng	96
49) Acenaphthylene	14.275	152	6309555	44.528	ng	100
50) Dimethylphthalate	14.016	163	5211456	44.352	ng	100
51) 2,6-Dinitrotoluene	14.140	165	1167344	45.541	ng	96
52) Acenaphthene	14.616	154	3748492	44.695	ng	100
53) 3-Nitroaniline	14.469	138	776206	28.304	ng	99
54) 2,4-Dinitrophenol	14.681	184	1709384	98.142	ng	98
55) Dibenzofuran	14.957	168	6112733	43.959	ng	99
56) 4-Nitrophenol	14.787	139	2146458	97.414	ng	97
57) 2,4-Dinitrotoluene	14.928	165	1633775	46.610	ng	99
58) Fluorene	15.604	166	4895658	44.614	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.181	232	1590627	46.941	ng	100
60) Diethylphthalate	15.375	149	5108226	44.425	ng	100
61) 4-Chlorophenyl-phenyle...	15.598	204	2603204	44.670	ng	99
62) 4-Nitroaniline	15.639	138	1225828	43.660	ng	100
63) Azobenzene	15.892	77	4702106	44.536	ng	98
65) 4,6-Dinitro-2-methylph...	15.692	198	1040696	45.457	ng	99
66) n-Nitrosodiphenylamine	15.816	169	4427885	45.013	ng	100
67) 4-Bromophenyl-phenylether	16.492	248	1738762	45.119	ng	99
68) Hexachlorobenzene	16.610	284	2001242	47.687	ng	99
69) Atrazine	16.775	200	1699006	47.158	ng	99
70) Pentachlorophenol	16.963	266	2673789	86.932	ng	99
71) Phenanthrene	17.357	178	8015551	45.380	ng	100
72) Anthracene	17.451	178	8151406	45.352	ng	100
73) Carbazole	17.722	167	7458890	45.564	ng	99
74) Di-n-butylphthalate	18.263	149	8938099	47.040	ng	99
75) Fluoranthene	19.322	202	9513744	44.840	ng	100
77) Benzidine	19.504	184	5360343	58.921	ng	100
78) Pyrene	19.675	202	9855754	48.944	ng	99
80) Butylbenzylphthalate	20.539	149	4101885	47.123	ng	98
81) Benzo(a)anthracene	21.386	228	9649376	46.799	ng	100
82) 3,3'-Dichlorobenzidine	21.316	252	2265564	29.410	ng	98
83) Chrysene	21.445	228	8927062	45.823	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	5812585	46.144	ng	99
85) Di-n-octyl phthalate	22.239	149	9509386	44.469	ng	100
87) Indeno(1,2,3-cd)pyrene	26.433	276	8797051	41.187	ng	100
88) Benzo(b)fluoranthene	23.110	252	8980930	51.214	ng	99
89) Benzo(k)fluoranthene	23.163	252	8687263	51.039	ng	100
90) Benzo(a)pyrene	23.751	252	7603991	44.139	ng	99
91) Dibenzo(a,h)anthracene	26.445	278	7365692	41.418	ng	99
92) Benzo(g,h,i)perylene	27.221	276	7109676	40.518	ng	99

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

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