Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013123\
Data File : BP013682.D
Acq On : 31 Jan 2023 19:56
Operator : CG/JU
Sample : PB150507BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 01 06:31:12 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 :
PB150507BSD

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	264456	20.000	ng	0.00
21) Naphthalene-d8	10.969	136	990367	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	615448	20.000	ng	0.00
64) Phenanthrene-d10	17.528	188	1317994	20.000	ng	0.00
76) Chrysene-d12	21.604	240	1116801	20.000	ng	0.00
86) Perylene-d12	24.180	264	1123012	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	2314062	149.582	ng	0.00
7) Phenol-d6	7.293	99	2920931	141.723	ng	0.00
23) Nitrobenzene-d5	9.316	82	1609193	94.517	ng	0.00
42) 2,4,6-Tribromophenol	16.263	330	1285158	139.221	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	4000069	90.945	ng	0.00
79) Terphenyl-d14	20.057	244	6058047	107.716	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.517	88	251255	38.389	ng	100
3) Pyridine	3.934	79	693406	36.796	ng	98
4) n-Nitrosodimethylamine	3.834	42	307580	45.521	ng	99
6) Aniline	7.458	93	1061803	39.519	ng	98
8) 2-Chlorophenol	7.699	128	787499	48.352	ng	98
9) Benzaldehyde	7.269	77	354988m	29.692	ng	
10) Phenol	7.316	94	1051057	48.817	ng	97
11) bis(2-Chloroethyl)ether	7.552	93	802799	46.676	ng	98
12) 1,3-Dichlorobenzene	8.028	146	881528	48.049	ng	99
13) 1,4-Dichlorobenzene	8.175	146	896382	48.289	ng	100
14) 1,2-Dichlorobenzene	8.499	146	861239	48.485	ng	100
15) Benzyl Alcohol	8.381	79	666832m	45.692	ng	
16) 2,2'-oxybis(1-Chloropr...	8.675	45	924680	46.034	ng	99
17) 2-Methylphenol	8.581	107	664324	44.031	ng	99
18) Hexachloroethane	9.234	117	296264	48.401	ng	94
19) n-Nitroso-di-n-propyla...	8.952	70	570978	44.156	ng	98
20) 3+4-Methylphenols	8.911	107	895158	43.491	ng	98
22) Acetophenone	8.969	105	1141418	44.196	ng	99
24) Nitrobenzene	9.358	77	851144	46.090	ng	99
25) Isophorone	9.887	82	1665075	44.125	ng	99
26) 2-Nitrophenol	10.075	139	387457	45.459	ng	99
27) 2,4-Dimethylphenol	10.128	122	723468	47.506	ng	99
28) bis(2-Chloroethoxy)met...	10.363	93	1035210	45.770	ng	99
29) 2,4-Dichlorophenol	10.610	162	804690	48.546	ng	99
30) 1,2,4-Trichlorobenzene	10.828	180	876631	47.663	ng	100
31) Naphthalene	11.022	128	2315597	44.468	ng	100
32) Benzoic acid	10.258	122	498839	41.527	ng	97
33) 4-Chloroaniline	11.128	127	394749	17.252	ng	99
34) Hexachlorobutadiene	11.305	225	532663	45.624	ng	98
35) Caprolactam	11.916	113	211134	38.786	ng	97
36) 4-Chloro-3-methylphenol	12.234	107	743714	42.654	ng	98
37) 2-Methylnaphthalene	12.616	142	1615728	41.265	ng	99
38) 1-Methylnaphthalene	12.834	142	1476600	40.147	ng	98
40) 1,2,4,5-Tetrachloroben...	12.981	216	1046171	49.790	ng	99
41) Hexachlorocyclopentadiene	12.957	237	1201974	125.334	ng	98
43) 2,4,6-Trichlorophenol	13.210	196	673564	48.683	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.281	196	695733	42.948	ng	98
46) 1,1'-Biphenyl	13.610	154	2123016	45.584	ng	99
47) 2-Chloronaphthalene	13.657	162	1668489	46.347	ng	99
48) 2-Nitroaniline	13.857	65	360329	40.615	ng	99
49) Acenaphthylene	14.498	152	2567518	44.225	ng	99
50) Dimethylphthalate	14.228	163	2089718	43.899	ng	99
51) 2,6-Dinitrotoluene	14.346	165	414317	42.700	ng	98
52) Acenaphthene	14.840	154	1859378m	49.749	ng	
53) 3-Nitroaniline	14.675	138	284741	28.576	ng	97
54) 2,4-Dinitrophenol	14.881	184	522573	81.783	ng	99
55) Dibenzofuran	15.175	168	2603023	44.501	ng	99
56) 4-Nitrophenol	14.975	139	746939	90.499	ng	98
57) 2,4-Dinitrotoluene	15.128	165	565756	43.523	ng	97
58) Fluorene	15.822	166	2017604	43.933	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.398	232	656407	46.599	ng	98
60) Diethylphthalate	15.587	149	1958702	42.921	ng	99
61) 4-Chlorophenyl-phenyle...	15.810	204	1107863	44.299	ng	99
62) 4-Nitroaniline	15.840	138	389308	38.022	ng	98
63) Azobenzene	16.104	77	1849574	43.875	ng	98
65) 4,6-Dinitro-2-methylph...	15.893	198	316170	42.162	ng	98
66) n-Nitrosodiphenylamine	16.028	169	1763103	45.975	ng	100
67) 4-Bromophenyl-phenylether	16.710	248	717153	47.467	ng	98
68) Hexachlorobenzene	16.828	284	833817	49.839	ng	97
69) Atrazine	16.975	200	629801	50.470	ng	99
70) Pentachlorophenol	17.175	266	1070027	86.705	ng	99
71) Phenanthrene	17.575	178	3210580	45.447	ng	100
72) Anthracene	17.663	178	3200560	44.876	ng	99
73) Carbazole	17.928	167	2819963	43.544	ng	99
74) Di-n-butylphthalate	18.457	149	3089927	43.601	ng	100
75) Fluoranthene	19.522	202	3658534	41.598	ng	99
77) Benzidine	19.692	184	1094443	45.370	ng	99
78) Pyrene	19.875	202	3780307	50.313	ng	100
80) Butylbenzylphthalate	20.728	149	982703	47.909	ng	98
81) Benzo(a)anthracene	21.592	228	3559962	45.893	ng	100
82) 3,3'-Dichlorobenzidine	21.510	252	983047	40.084	ng	98
83) Chrysene	21.645	228	3315069	44.855	ng	100
84) Bis(2-ethylhexyl)phtha...	21.492	149	1581540	45.284	ng	99
85) Di-n-octyl phthalate	22.475	149	2720819	42.663	ng	100
87) Indeno(1,2,3-cd)pyrene	26.904	276	4142198	48.500	ng	100
88) Benzo(b)fluoranthene	23.386	252	3519424	52.143	ng	100
89) Benzo(k)fluoranthene	23.439	252	3400106	50.294	ng	100
90) Benzo(a)pyrene	24.063	252	3034636	45.294	ng	100
91) Dibenzo(a,h)anthracene	26.921	278	3474483	49.011	ng	99
92) Benzo(g,h,i)perylene	27.739	276	3472051	49.312	ng	99

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

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