Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012723\
Data File : BP013619.D
Acq On : 27 Jan 2023 15:53
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jan 29 23:50:48 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	8.158	152	250641	20.000	ng		0.00
21) Naphthalene-d8	10.987	136	995345	20.000	ng		0.00
39) Acenaphthene-d10	14.792	164	641705	20.000	ng		0.00
64) Phenanthrene-d10	17.545	188	1400795	20.000	ng	#	0.00
76) Chrysene-d12	21.627	240	944411	20.000	ng		0.00
86) Perylene-d12	24.215	264	984826	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.681	112	1190220	85.095	ng		0.00
7) Phenol-d6	7.299	99	1622512	85.871	ng		0.00
23) Nitrobenzene-d5	9.328	82	1424059	78.615	ng		0.00
42) 2,4,6-Tribromophenol	16.281	330	734143	75.144	ng		0.00
45) 2-Fluorobiphenyl	13.416	172	3664007	81.548	ng		0.00
79) Terphenyl-d14	20.080	244	4708239	87.974	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.528	88	259474	42.076	ng		98
3) Pyridine	3.940	79	755713	43.111	ng		98
4) n-Nitrosodimethylamine	3.846	42	272544	39.782	ng		91
6) Aniline	7.475	93	1078009	43.049	ng		99
8) 2-Chlorophenol	7.710	128	640951	43.168	ng		100
9) Benzaldehyde	7.281	77	450276	39.697	ng		99
10) Phenol	7.328	94	855410	43.219	ng		96
11) bis(2-Chloroethyl)ether	7.569	93	717646	43.784	ng		99
12) 1,3-Dichlorobenzene	8.046	146	719023	41.952	ng		97
13) 1,4-Dichlorobenzene	8.193	146	724436	41.683	ng		100
14) 1,2-Dichlorobenzene	8.516	146	682892	41.734	ng		98
15) Benzyl Alcohol	8.393	79	610103	41.583	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.687	45	819162	44.350	ng		99
17) 2-Methylphenol	8.593	107	613801	42.977	ng		98
18) Hexachloroethane	9.252	117	247575	39.762	ng		99
19) n-Nitroso-di-n-propyla...	8.969	70	542261	44.161	ng		98
20) 3+4-Methylphenols	8.922	107	847476	43.300	ng		97
22) Acetophenone	8.987	105	1021171	40.645	ng	#	98
24) Nitrobenzene	9.375	77	764676	40.335	ng		97
25) Isophorone	9.899	82	1630545	41.093	ng		99
26) 2-Nitrophenol	10.087	139	327035	40.157	ng		94
27) 2,4-Dimethylphenol	10.140	122	628506	41.691	ng		97
28) bis(2-Chloroethoxy)met...	10.381	93	953011	42.213	ng		98
29) 2,4-Dichlorophenol	10.622	162	695479	40.995	ng		99
30) 1,2,4-Trichlorobenzene	10.846	180	739234	39.302	ng		99
31) Naphthalene	11.040	128	2054330	40.617	ng		100
32) Benzoic acid	10.275	122	465008	42.312	ng		97
33) 4-Chloroaniline	11.140	127	919638	41.883	ng		97
34) Hexachlorobutadiene	11.322	225	478410	37.829	ng		99
35) Caprolactam	11.934	113	207859	42.731	ng		96
36) 4-Chloro-3-methylphenol	12.246	107	728422	40.502	ng		100
37) 2-Methylnaphthalene	12.634	142	1557011	40.280	ng		98
38) 1-Methylnaphthalene	12.851	142	1459050	40.329	ng		97
40) 1,2,4,5-Tetrachloroben...	12.993	216	918520	41.086	ng		100
41) Hexachlorocyclopentadiene	12.975	237	407292	35.262	ng		98
43) 2,4,6-Trichlorophenol	13.228	196	626191	41.861	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.298	196	731328	41.805	ng		98
46) 1,1'-Biphenyl	13.628	154	1991468	41.646	ng		99
47) 2-Chloronaphthalene	13.675	162	1504316	41.222	ng		99
48) 2-Nitroaniline	13.869	65	313745	36.830	ng		98
49) Acenaphthylene	14.516	152	2469968	41.035	ng		100
50) Dimethylphthalate	14.245	163	2054109	41.211	ng		100
51) 2,6-Dinitrotoluene	14.363	165	390575	39.092	ng		93
52) Acenaphthene	14.857	154	1593085	41.353	ng		99
53) 3-Nitroaniline	14.692	138	393134	42.499	ng		100
54) 2,4-Dinitrophenol	14.892	184	263932	43.093	ng		97
55) Dibenzofuran	15.192	168	2432643	40.319	ng		99
56) 4-Nitrophenol	14.981	139	335395	41.280	ng		89
57) 2,4-Dinitrotoluene	15.145	165	494806	37.031	ng		95
58) Fluorene	15.839	166	1816151	39.363	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.410	232	602661	39.767	ng		100
60) Diethylphthalate	15.604	149	1933623	42.479	ng		100
61) 4-Chlorophenyl-phenyle...	15.828	204	1032173	39.617	ng		98
62) 4-Nitroaniline	15.857	138	357931	40.215	ng		92
63) Azobenzene	16.122	77	1829048	39.436	ng		98
65) 4,6-Dinitro-2-methylph...	15.910	198	283940	37.698	ng		99
66) n-Nitrosodiphenylamine	16.045	169	1638771	42.461	ng		99
67) 4-Bromophenyl-phenylether	16.728	248	676726	41.913	ng		97
68) Hexachlorobenzene	16.845	284	722408	40.933	ng		99
69) Atrazine	16.992	200	528790	44.821	ng		99
70) Pentachlorophenol	17.186	266	552904	40.312	ng		98
71) Phenanthrene	17.592	178	2933055	40.826	ng		99
72) Anthracene	17.681	178	2963608	40.825	ng		100
73) Carbazole	17.945	167	2563994	39.637	ng		99
74) Di-n-butylphthalate	18.480	149	2689714	45.488	ng		99
75) Fluoranthene	19.539	202	3297128	36.795	ng		99
77) Benzidine	19.710	184	561849	56.744	ng		100
78) Pyrene	19.892	202	3323328	45.469	ng		100
80) Butylbenzylphthalate	20.751	149	415472	42.083	ng		97
81) Benzo(a)anthracene	21.610	228	2738454	41.178	ng		100
82) 3,3'-Dichlorobenzidine	21.533	252	664617	40.718	ng	#	98
83) Chrysene	21.669	228	2562859	41.014	ng		99
84) Bis(2-ethylhexyl)phtha...	21.516	149	659013	43.376	ng		99
85) Di-n-octyl phthalate	22.504	149	1098060	45.069	ng		100
87) Indeno(1,2,3-cd)pyrene	26.962	276	3184680	45.997	ng		98
88) Benzo(b)fluoranthene	23.421	252	2478699	39.203	ng		99
89) Benzo(k)fluoranthene	23.474	252	2531556	40.332	ng		98
90) Benzo(a)pyrene	24.104	252	2441380	41.024	ng		99
91) Dibenzo(a,h)anthracene	26.980	278	2641943	45.858	ng		99
92) Benzo(g,h,i)perylene	27.798	276	2644200	46.614	ng		99

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

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