Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080223\
Data File : BP016464.D
Acq On : 02 Aug 2023 12:25
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 02 21:41:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 01:48:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.075	152	543905	20.000	ng		-0.02
21) Naphthalene-d8	10.910	136	2304906	20.000	ng		-0.02
39) Acenaphthene-d10	14.728	164	1493641	20.000	ng		0.00
64) Phenanthrene-d10	17.492	188	3423483	20.000	ng		0.00
76) Chrysene-d12	21.592	240	3337358	20.000	ng		0.00
86) Perylene-d12	24.192	264	3718406	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	2578069	77.328	ng		-0.02
7) Phenol-d6	7.216	99	3620110	79.219	ng		-0.01
23) Nitrobenzene-d5	9.275	82	3236812	78.611	ng		-0.02
42) 2,4,6-Tribromophenol	16.222	330	1946132	88.567	ng		0.00
45) 2-Fluorobiphenyl	13.351	172	7689412	73.807	ng		-0.01
79) Terphenyl-d14	20.039	244	11837066	74.924	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.440	88	480917	36.985	ng		100
3) Pyridine	3.858	79	1542004	39.673	ng		99
4) n-Nitrosodimethylamine	3.787	42	549488	37.496	ng		98
6) Aniline	7.410	93	2253341	39.921	ng		99
8) 2-Chlorophenol	7.628	128	1384847	39.616	ng		98
9) Benzaldehyde	7.228	77	838170	38.878	ng		99
10) Phenol	7.240	94	1750752	39.451	ng		99
11) bis(2-Chloroethyl)ether	7.504	93	1391682	38.579	ng		99
12) 1,3-Dichlorobenzene	7.957	146	1431008	38.133	ng		97
13) 1,4-Dichlorobenzene	8.110	146	1456509	38.262	ng		99
14) 1,2-Dichlorobenzene	8.428	146	1402362	38.262	ng		98
15) Benzyl Alcohol	8.328	79	1300486	41.655	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.610	45	1540271	37.649	ng		99
17) 2-Methylphenol	8.510	107	1295671	40.512	ng		100
18) Hexachloroethane	9.151	117	527200	38.827	ng		99
19) n-Nitroso-di-n-propyla...	8.898	70	1155059	40.347	ng		99
20) 3+4-Methylphenols	8.846	107	1792158	41.259	ng		99
22) Acetophenone	8.922	105	2212707	38.022	ng	#	99
24) Nitrobenzene	9.316	77	1632108	38.592	ng		99
25) Isophorone	9.834	82	3264595	39.271	ng		99
26) 2-Nitrophenol	10.022	139	817790	45.070	ng		98
27) 2,4-Dimethylphenol	10.057	122	1460839	39.280	ng		100
28) bis(2-Chloroethoxy)met...	10.322	93	1947578	38.248	ng		99
29) 2,4-Dichlorophenol	10.540	162	1440184	41.379	ng		100
30) 1,2,4-Trichlorobenzene	10.757	180	1452102	38.519	ng		99
31) Naphthalene	10.963	128	4537898	37.639	ng		100
32) Benzoic acid	10.198	122	1178281	48.252	ng		98
33) 4-Chloroaniline	11.087	127	2166441	39.836	ng		99
34) Hexachlorobutadiene	11.198	225	893770	40.045	ng		99
35) Caprolactam	11.916	113	550378	43.276	ng		95
36) 4-Chloro-3-methylphenol	12.181	107	1576521	40.750	ng		99
37) 2-Methylnaphthalene	12.557	142	3392339	38.732	ng		99
38) 1-Methylnaphthalene	12.775	142	3177014	38.691	ng		99
40) 1,2,4,5-Tetrachloroben...	12.904	216	1763731	38.857	ng		100
41) Hexachlorocyclopentadiene	12.863	237	1029475	45.159	ng		100
43) 2,4,6-Trichlorophenol	13.151	196	1245942	42.780	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.222	196	1455574	41.194	ng		99
46) 1,1'-Biphenyl	13.563	154	4239114	37.232	ng		100
47) 2-Chloronaphthalene	13.610	162	3235527	37.667	ng		100
48) 2-Nitroaniline	13.834	65	1019579	42.109	ng		95
49) Acenaphthylene	14.457	152	5410085	37.959	ng		99
50) Dimethylphthalate	14.186	163	4452552	38.254	ng		99
51) 2,6-Dinitrotoluene	14.322	165	986491	41.371	ng		98
52) Acenaphthene	14.792	154	3199243	37.748	ng		99
53) 3-Nitroaniline	14.663	138	1114097	41.327	ng		99
54) 2,4-Dinitrophenol	14.857	184	569199	53.924	ng		97
55) Dibenzofuran	15.128	168	5244408	37.730	ng		100
56) 4-Nitrophenol	14.939	139	920114	43.602	ng		99
57) 2,4-Dinitrotoluene	15.104	165	1354805	43.597	ng		97
58) Fluorene	15.780	166	4142485	37.934	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.339	232	1246467	42.883	ng		99
60) Diethylphthalate	15.539	149	4460206	38.560	ng		100
61) 4-Chlorophenyl-phenyle...	15.769	204	2140782	38.849	ng		98
62) 4-Nitroaniline	15.828	138	1122547	41.959	ng		99
63) Azobenzene	16.063	77	4035769	36.951	ng		98
65) 4,6-Dinitro-2-methylph...	15.857	198	799136	49.609	ng		95
66) n-Nitrosodiphenylamine	15.992	169	3769226	37.359	ng		100
67) 4-Bromophenyl-phenylether	16.675	248	1428237	39.399	ng		98
68) Hexachlorobenzene	16.751	284	1617870	40.021	ng		98
69) Atrazine	16.945	200	1264142	42.131	ng		100
70) Pentachlorophenol	17.116	266	1269507	45.379	ng		99
71) Phenanthrene	17.539	178	6763231	37.205	ng		100
72) Anthracene	17.627	178	6932915	37.928	ng		100
73) Carbazole	17.904	167	6449539	37.634	ng		99
74) Di-n-butylphthalate	18.422	149	7962681	40.161	ng		99
75) Fluoranthene	19.498	202	8118657	38.104	ng		100
77) Benzidine	19.692	184	2705913	46.765	ng		99
78) Pyrene	19.851	202	8399047	37.543	ng		99
80) Butylbenzylphthalate	20.715	149	3755137	42.725	ng		96
81) Benzo(a)anthracene	21.574	228	8536004	38.121	ng		100
82) 3,3'-Dichlorobenzidine	21.510	252	3140856	42.729	ng		99
83) Chrysene	21.633	228	8052018	37.657	ng		99
84) Bis(2-ethylhexyl)phtha...	21.463	149	5509546	41.753	ng	#	99
85) Di-n-octyl phthalate	22.457	149	9412776	42.414	ng		99
87) Indeno(1,2,3-cd)pyrene	26.962	276	8292474	33.079	ng		99
88) Benzo(b)fluoranthene	23.380	252	8598625	39.893	ng		100
89) Benzo(k)fluoranthene	23.439	252	8546199	38.986	ng		100
90) Benzo(a)pyrene	24.074	252	8149468	39.034	ng		100
91) Dibenzo(a,h)anthracene	26.998	278	6982962	33.401	ng		100
92) Benzo(g,h,i)perylene	27.833	276	6398480	31.760	ng		99

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

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