Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111422\
Data File : BP012646.D
Acq On : 14 Nov 2022 10:36
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Nov 14 16:56:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 14 04:00:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.705	152	275969	20.000	ng		0.00
21) Naphthalene-d8	10.505	136	1190487	20.000	ng		0.00
39) Acenaphthene-d10	14.369	164	780711	20.000	ng		0.00
64) Phenanthrene-d10	17.134	188	1688324	20.000	ng		0.00
76) Chrysene-d12	21.233	240	1662711	20.000	ng		0.00
86) Perylene-d12	23.574	264	1681229	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	1196525	80.734	ng		0.00
7) Phenol-d6	6.899	99	1669207	81.141	ng		0.00
23) Nitrobenzene-d5	8.881	82	1729742	80.609	ng		0.00
42) 2,4,6-Tribromophenol	15.875	330	880827	82.646	ng		0.00
45) 2-Fluorobiphenyl	12.987	172	3966408	77.126	ng		0.00
79) Terphenyl-d14	19.704	244	6119475	74.562	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.193	88	250576	39.410	ng		100
3) Pyridine	3.599	79	755081	40.741	ng		98
4) n-Nitrosodimethylamine	3.511	42	282466	41.172	ng		95
6) Aniline	7.046	93	1056459	40.585	ng		98
8) 2-Chlorophenol	7.275	128	746006	39.746	ng		100
9) Benzaldehyde	6.858	77	464247	35.778	ng		99
10) Phenol	6.922	94	931448	40.077	ng		99
11) bis(2-Chloroethyl)ether	7.146	93	741062	38.560	ng		98
12) 1,3-Dichlorobenzene	7.593	146	814442	39.379	ng		100
13) 1,4-Dichlorobenzene	7.740	146	827446	39.091	ng		100
14) 1,2-Dichlorobenzene	8.058	146	791920	39.316	ng		100
15) Benzyl Alcohol	7.963	79	632470	41.079	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.246	45	981745	39.334	ng		99
17) 2-Methylphenol	8.163	107	646867	40.394	ng		99
18) Hexachloroethane	8.775	117	301829	39.873	ng		99
19) n-Nitroso-di-n-propyla...	8.528	70	598292	40.064	ng		99
20) 3+4-Methylphenols	8.499	107	912757	40.554	ng		100
22) Acetophenone	8.546	105	1160712	39.149	ng	#	99
24) Nitrobenzene	8.922	77	888169	39.757	ng		100
25) Isophorone	9.452	82	1612414	39.998	ng		100
26) 2-Nitrophenol	9.628	139	446634	41.654	ng		99
27) 2,4-Dimethylphenol	9.699	122	636914	39.760	ng		99
28) bis(2-Chloroethoxy)met...	9.934	93	964438	38.611	ng		99
29) 2,4-Dichlorophenol	10.163	162	753615	39.713	ng		99
30) 1,2,4-Trichlorobenzene	10.369	180	800886	38.944	ng		99
31) Naphthalene	10.557	128	2499048	38.640	ng		100
32) Benzoic acid	9.881	122	620405	38.788	ng		99
33) 4-Chloroaniline	10.681	127	1064573	39.464	ng		99
34) Hexachlorobutadiene	10.828	225	510892	39.266	ng		99
35) Caprolactam	11.510	113	261309	41.198	ng		98
36) 4-Chloro-3-methylphenol	11.822	107	855612	39.947	ng		98
37) 2-Methylnaphthalene	12.175	142	1798084	38.787	ng		100
38) 1-Methylnaphthalene	12.399	142	1750711	38.598	ng		100
40) 1,2,4,5-Tetrachloroben...	12.546	216	910571	39.143	ng		100
41) Hexachlorocyclopentadiene	12.516	237	395863	36.351	ng		100
43) 2,4,6-Trichlorophenol	12.799	196	659421	40.355	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	723232	39.652	ng	100
46) 1,1'-Biphenyl	13.198	154	2248011	38.882	ng	99
47) 2-Chloronaphthalene	13.240	162	1778284	39.188	ng	100
48) 2-Nitroaniline	13.463	65	571241	41.623	ng	98
49) Acenaphthylene	14.093	152	2866968	39.786	ng	100
50) Dimethylphthalate	13.840	163	2389070	38.723	ng	100
51) 2,6-Dinitrotoluene	13.963	165	528931	40.201	ng	95
52) Acenaphthene	14.434	154	1709542	38.976	ng	99
53) 3-Nitroaniline	14.298	138	576637	40.722	ng	100
54) 2,4-Dinitrophenol	14.510	184	338027	38.847	ng	99
55) Dibenzofuran	14.769	168	2717692	39.202	ng	99
56) 4-Nitrophenol	14.622	139	472560	40.155	ng	96
57) 2,4-Dinitrotoluene	14.757	165	708492	41.782	ng	99
58) Fluorene	15.428	166	2142469	39.150	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	666546	39.678	ng	99
60) Diethylphthalate	15.210	149	2426845	39.292	ng	99
61) 4-Chlorophenyl-phenyle...	15.422	204	1057176	38.974	ng	98
62) 4-Nitroaniline	15.469	138	573401	39.123	ng	96
63) Azobenzene	15.716	77	2201609	39.765	ng	99
65) 4,6-Dinitro-2-methylph...	15.522	198	462220	40.295	ng	95
66) n-Nitrosodiphenylamine	15.645	169	1932738	38.809	ng	99
67) 4-Bromophenyl-phenylether	16.322	248	743471	39.174	ng	98
68) Hexachlorobenzene	16.428	284	877655	38.742	ng	99
69) Atrazine	16.610	200	661213	38.077	ng	100
70) Pentachlorophenol	16.781	266	570509	40.826	ng	98
71) Phenanthrene	17.175	178	3628716	38.990	ng	100
72) Anthracene	17.269	178	3525677	39.485	ng	100
73) Carbazole	17.551	167	3305515	39.532	ng	99
74) Di-n-butylphthalate	18.098	149	4345004	41.610	ng	100
75) Fluoranthene	19.151	202	4365439	40.024	ng	99
77) Benzidine	19.345	184	1166143	31.790	ng	99
78) Pyrene	19.504	202	4475618	39.018	ng	100
80) Butylbenzylphthalate	20.386	149	2042978	42.053	ng	99
81) Benzo(a)anthracene	21.222	228	4398296	39.560	ng	100
82) 3,3'-Dichlorobenzidine	21.157	252	1498772	39.477	ng	100
83) Chrysene	21.275	228	4165052	39.303	ng	99
84) Bis(2-ethylhexyl)phtha...	21.139	149	2862285	43.078	ng	99
85) Di-n-octyl phthalate	22.045	149	4872509	43.472	ng	100
87) Indeno(1,2,3-cd)pyrene	26.010	276	4493622	37.717	ng	99
88) Benzo(b)fluoranthene	22.869	252	4210429	38.928	ng	100
89) Benzo(k)fluoranthene	22.916	252	4338973	41.114	ng	99
90) Benzo(a)pyrene	23.474	252	3529377	39.959	ng	99
91) Dibenzo(a,h)anthracene	26.021	278	3768843	37.846	ng	99
92) Benzo(g,h,i)perylene	26.751	276	3586277	36.881	ng	99

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

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