Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042925\
Data File : BP024453.D
Acq On : 29 Apr 2025 10:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Apr 29 11:27:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.711	152	202022	20.000	ng		-0.01
21) Naphthalene-d8	10.487	136	787775	20.000	ng		#-0.01
39) Acenaphthene-d10	14.345	164	472103	20.000	ng		0.00
64) Phenanthrene-d10	17.151	188	850511	20.000	ng		0.00
76) Chrysene-d12	21.604	240	824489	20.000	ng		0.01
86) Perylene-d12	24.939	264	977116	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	943015	77.181	ng		-0.01
7) Phenol-d6	6.899	99	1199613	71.704	ng		-0.01
23) Nitrobenzene-d5	8.857	82	1090303	78.919	ng		-0.01
42) 2,4,6-Tribromophenol	15.863	330	569547	87.196	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	2524186	81.864	ng		0.00
79) Terphenyl-d14	19.875	244	3465327	84.717	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	183495	35.506	ng	#	94
3) Pyridine	3.675	79	452669	33.171	ng		93
4) n-Nitrosodimethylamine	3.587	42	189784	41.904	ng		78
6) Aniline	7.052	93	525270	35.136	ng		97
8) 2-Chlorophenol	7.287	128	516428	37.857	ng		99
9) Benzaldehyde	6.869	77	341132	41.221	ng		97
10) Phenol	6.928	94	591436	35.241	ng		92
11) bis(2-Chloroethyl)ether	7.146	93	459841	34.007	ng		100
12) 1,3-Dichlorobenzene	7.605	146	562703	38.316	ng		99
13) 1,4-Dichlorobenzene	7.746	146	572496	38.421	ng		99
14) 1,2-Dichlorobenzene	8.063	146	543118	37.747	ng		100
15) Benzyl Alcohol	7.952	79	418274	38.660	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.240	45	492957	33.727	ng		99
17) 2-Methylphenol	8.158	107	402842	37.105	ng		97
18) Hexachloroethane	8.781	117	210655	39.119	ng		95
19) n-Nitroso-di-n-propyla...	8.510	70	350104	33.826	ng		96
20) 3+4-Methylphenols	8.481	107	552454	36.673	ng		99
22) Acetophenone	8.528	105	748134	38.370	ng	#	97
24) Nitrobenzene	8.905	77	527634	38.606	ng		97
25) Isophorone	9.428	82	920197	36.798	ng		97
26) 2-Nitrophenol	9.610	139	293639	43.903	ng		96
27) 2,4-Dimethylphenol	9.675	122	328913	39.166	ng		97
28) bis(2-Chloroethoxy)met...	9.899	93	607212	35.944	ng		99
29) 2,4-Dichlorophenol	10.146	162	471505	41.177	ng		99
30) 1,2,4-Trichlorobenzene	10.352	180	509190	41.504	ng		100
31) Naphthalene	10.540	128	1595503	38.449	ng		99
32) Benzoic acid	9.834	122	381676	39.004	ng		99
33) 4-Chloroaniline	10.652	127	559507	38.287	ng		99
34) Hexachlorobutadiene	10.822	225	322141	44.684	ng		99
35) Caprolactam	11.440	113	147544	34.921	ng		97
36) 4-Chloro-3-methylphenol	11.787	107	516907	38.756	ng		99
37) 2-Methylnaphthalene	12.151	142	1093107	37.983	ng		97
38) 1-Methylnaphthalene	12.369	142	1063989	37.792	ng		98
40) 1,2,4,5-Tetrachloroben...	12.522	216	557741	42.960	ng		99
41) Hexachlorocyclopentadiene	12.498	237	198735	43.281	ng		100
43) 2,4,6-Trichlorophenol	12.769	196	369223	42.775	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	398545	41.695	ng		98
46) 1,1'-Biphenyl	13.169	154	1371141	39.512	ng		98
47) 2-Chloronaphthalene	13.210	162	1044186	40.260	ng		97
48) 2-Nitroaniline	13.422	65	290364	39.912	ng		98
49) Acenaphthylene	14.063	152	1593456	39.023	ng		99
50) Dimethylphthalate	13.798	163	1301379	37.905	ng		99
51) 2,6-Dinitrotoluene	13.922	165	286560	39.307	ng		96
52) Acenaphthene	14.416	154	994820	38.429	ng		99
53) 3-Nitroaniline	14.257	138	287270	37.491	ng		98
54) 2,4-Dinitrophenol	14.469	184	157937	36.778	ng		90
55) Dibenzofuran	14.757	168	1589398	37.561	ng		97
56) 4-Nitrophenol	14.592	139	241226	36.452	ng		94
57) 2,4-Dinitrotoluene	14.728	165	392111	39.428	ng		99
58) Fluorene	15.416	166	1242897	37.943	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.987	232	352147	39.945	ng		99
60) Diethylphthalate	15.187	149	1325771	37.472	ng		100
61) 4-Chlorophenyl-phenyle...	15.410	204	631821	39.720	ng		98
62) 4-Nitroaniline	15.440	138	294075	36.254	ng		87
63) Azobenzene	15.710	77	1154519	35.504	ng		96
65) 4,6-Dinitro-2-methylph...	15.498	198	215748	40.235	ng		97
66) n-Nitrosodiphenylamine	15.634	169	1038421	40.906	ng		99
67) 4-Bromophenyl-phenylether	16.328	248	406784	43.731	ng		100
68) Hexachlorobenzene	16.445	284	489399	44.277	ng		98
69) Atrazine	16.610	200	246503	38.126	ng		98
70) Pentachlorophenol	16.798	266	334477	43.377	ng		98
71) Phenanthrene	17.198	178	1794617	38.679	ng		99
72) Anthracene	17.292	178	1773027	39.649	ng		99
73) Carbazole	17.581	167	1638797	37.507	ng		99
74) Di-n-butylphthalate	18.157	149	2161291	39.704	ng		100
75) Fluoranthene	19.280	202	2054195	37.226	ng		97
77) Benzidine	19.492	184	569841	54.525	ng		99
78) Pyrene	19.657	202	2119795	40.456	ng		99
80) Butylbenzylphthalate	20.610	149	933072	41.575	ng		94
81) Benzo(a)anthracene	21.586	228	2020181	39.420	ng		100
82) 3,3'-Dichlorobenzidine	21.498	252	773691	43.014	ng		99
83) Chrysene	21.651	228	1910440	38.912	ng		100
84) Bis(2-ethylhexyl)phtha...	21.516	149	1337203	40.644	ng		99
85) Di-n-octyl phthalate	22.786	149	2316174	43.304	ng		100
87) Indeno(1,2,3-cd)pyrene	28.739	276	2780457	40.988	ng		98
88) Benzo(b)fluoranthene	23.880	252	2243616m	38.307	ng		
89) Benzo(k)fluoranthene	23.957	252	2164656	38.262	ng		97
90) Benzo(a)pyrene	24.786	252	1960576	38.807	ng	#	97
91) Dibenzo(a,h)anthracene	28.809	278	2301800	40.881	ng		96
92) Benzo(g,h,i)perylene	29.915	276	2325312	40.574	ng		95

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

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