Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050725\
Data File : BP024566.D
Acq On : 07 May 2025 16:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: May 07 17:03:40 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	7.699	152	138257	20.000	ng		-0.02
21) Naphthalene-d8	10.475	136	544120	20.000	ng		#-0.02
39) Acenaphthene-d10	14.334	164	348461	20.000	ng		-0.02
64) Phenanthrene-d10	17.133	188	701754	20.000	ng		-0.01
76) Chrysene-d12	21.580	240	862550	20.000	ng		-0.01
86) Perylene-d12	24.898	264	1057764	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	655537	78.398	ng		-0.02
7) Phenol-d6	6.893	99	828029	72.320	ng		-0.02
23) Nitrobenzene-d5	8.846	82	753165	78.928	ng		-0.02
42) 2,4,6-Tribromophenol	15.857	330	449260	93.185	ng		0.00
45) 2-Fluorobiphenyl	12.945	172	1755016	77.114	ng		-0.02
79) Terphenyl-d14	19.863	244	3278159	76.605	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	131758	37.253	ng	#	94
3) Pyridine	3.675	79	319398	34.200	ng		92
4) n-Nitrosodimethylamine	3.581	42	136407	44.009	ng	#	76
6) Aniline	7.046	93	330711	32.324	ng		99
8) 2-Chlorophenol	7.281	128	354417	37.963	ng		99
9) Benzaldehyde	6.858	77	231108	40.806	ng		98
10) Phenol	6.916	94	408458	35.563	ng		90
11) bis(2-Chloroethyl)ether	7.134	93	317387	34.297	ng		97
12) 1,3-Dichlorobenzene	7.593	146	379429	37.752	ng		99
13) 1,4-Dichlorobenzene	7.734	146	387776	38.026	ng		99
14) 1,2-Dichlorobenzene	8.052	146	370165	37.592	ng		99
15) Benzyl Alcohol	7.946	79	280488	37.881	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.228	45	344227	34.414	ng		100
17) 2-Methylphenol	8.152	107	276882	37.265	ng		97
18) Hexachloroethane	8.769	117	143498	38.938	ng		97
19) n-Nitroso-di-n-propyla...	8.499	70	243323	34.351	ng		94
20) 3+4-Methylphenols	8.475	107	376144	36.485	ng		97
22) Acetophenone	8.516	105	523542	38.875	ng	#	97
24) Nitrobenzene	8.893	77	364383	38.600	ng		99
25) Isophorone	9.410	82	640750	37.097	ng		99
26) 2-Nitrophenol	9.599	139	196933	42.630	ng		95
27) 2,4-Dimethylphenol	9.663	122	224905	38.773	ng		98
28) bis(2-Chloroethoxy)met...	9.887	93	411462	35.264	ng		99
29) 2,4-Dichlorophenol	10.146	162	321106	40.600	ng		98
30) 1,2,4-Trichlorobenzene	10.340	180	340718	40.208	ng		99
31) Naphthalene	10.522	128	1085946	37.888	ng		99
32) Benzoic acid	9.822	122	246884	36.527	ng		98
33) 4-Chloroaniline	10.646	127	372271	36.882	ng		99
34) Hexachlorobutadiene	10.804	225	214306	43.037	ng		98
35) Caprolactam	11.428	113	116993	40.090	ng		93
36) 4-Chloro-3-methylphenol	11.781	107	369984	40.163	ng		99
37) 2-Methylnaphthalene	12.134	142	761169	38.292	ng		97
38) 1-Methylnaphthalene	12.357	142	735198	37.807	ng		99
40) 1,2,4,5-Tetrachloroben...	12.510	216	384784	40.154	ng		100
41) Hexachlorocyclopentadiene	12.487	237	134639	39.726	ng		98
43) 2,4,6-Trichlorophenol	12.757	196	258270	40.538	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	286518	40.611	ng		98
46) 1,1'-Biphenyl	13.157	154	984863	38.451	ng		98
47) 2-Chloronaphthalene	13.198	162	733529	38.318	ng		97
48) 2-Nitroaniline	13.410	65	226645	42.207	ng		95
49) Acenaphthylene	14.051	152	1156160	38.360	ng		99
50) Dimethylphthalate	13.792	163	1002391	39.556	ng		100
51) 2,6-Dinitrotoluene	13.916	165	221436	41.151	ng		90
52) Acenaphthene	14.398	154	725415	37.965	ng		99
53) 3-Nitroaniline	14.251	138	231947	41.012	ng		98
54) 2,4-Dinitrophenol	14.469	184	132764	41.885	ng		92
55) Dibenzofuran	14.739	168	1195227	38.268	ng		97
56) 4-Nitrophenol	14.610	139	181927	37.246	ng		87
57) 2,4-Dinitrotoluene	14.710	165	319761	43.562	ng		97
58) Fluorene	15.398	166	931853	38.541	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.975	232	265848	40.855	ng		98
60) Diethylphthalate	15.175	149	1043496	39.959	ng		100
61) 4-Chlorophenyl-phenyle...	15.392	204	461433	39.301	ng		96
62) 4-Nitroaniline	15.439	138	242932m	40.576	ng		
63) Azobenzene	15.698	77	891201	37.130	ng		95
65) 4,6-Dinitro-2-methylph...	15.498	198	182050	41.148	ng		96
66) n-Nitrosodiphenylamine	15.616	169	796456	38.025	ng		99
67) 4-Bromophenyl-phenylether	16.310	248	310972	40.518	ng		99
68) Hexachlorobenzene	16.434	284	384176	42.125	ng		98
69) Atrazine	16.598	200	198839	37.273	ng		99
70) Pentachlorophenol	16.786	266	260722	40.979	ng		99
71) Phenanthrene	17.175	178	1446648	37.789	ng		99
72) Anthracene	17.275	178	1459070	39.545	ng		100
73) Carbazole	17.557	167	1450351	40.230	ng		98
74) Di-n-butylphthalate	18.151	149	1856049	41.324	ng		100
75) Fluoranthene	19.269	202	1843847	40.497	ng		97
77) Benzidine	19.486	184	203326	18.597	ng		99
78) Pyrene	19.651	202	1923076	35.082	ng		99
80) Butylbenzylphthalate	20.598	149	932320	39.709	ng		96
81) Benzo(a)anthracene	21.557	228	2068763	38.587	ng		100
82) 3,3'-Dichlorobenzidine	21.486	252	767952	40.811	ng		99
83) Chrysene	21.633	228	1968699	38.329	ng		99
84) Bis(2-ethylhexyl)phtha...	21.492	149	1389970	40.383	ng		99
85) Di-n-octyl phthalate	22.757	149	2443057	43.660	ng		100
87) Indeno(1,2,3-cd)pyrene	28.674	276	2899918	39.490	ng		97
88) Benzo(b)fluoranthene	23.851	252	2426256	38.267	ng	#	97
89) Benzo(k)fluoranthene	23.921	252	2282969	37.277	ng		98
90) Benzo(a)pyrene	24.751	252	2115084	38.673	ng	#	97
91) Dibenzo(a,h)anthracene	28.762	278	2408286	39.511	ng		97
92) Benzo(g,h,i)perylene	29.850	276	2422819	39.052	ng	#	94

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

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