Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022025\
Data File : BP024108.D
Acq On : 20 Feb 2025 15:59
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Feb 20 16:32:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 18 02:25:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.722	152	530836	20.000	ng		-0.04
21) Naphthalene-d8	10.516	136	2239644	20.000	ng		-0.02
39) Acenaphthene-d10	14.398	164	1291091	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	2289731	20.000	ng		0.02
76) Chrysene-d12	21.680	240	2146416	20.000	ng		0.04
86) Perylene-d12	25.074	264	2253704	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	2776572	81.616	ng		-0.04
7) Phenol-d6	6.905	99	3734514	85.409	ng		-0.04
23) Nitrobenzene-d5	8.875	82	3263544	81.294	ng		-0.04
42) 2,4,6-Tribromophenol	15.910	330	1230557	77.812	ng		0.00
45) 2-Fluorobiphenyl	12.992	172	7191754	77.873	ng		-0.01
79) Terphenyl-d14	19.933	244	8891899	81.973	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	523749	39.246	ng		98
3) Pyridine	3.681	79	1471300m	42.404	ng		
4) n-Nitrosodimethylamine	3.587	42	521054	42.336	ng		97
6) Aniline	7.063	93	1736384	43.363	ng		100
8) 2-Chlorophenol	7.299	128	1477864	41.042	ng		97
9) Benzaldehyde	6.869	77	850806	42.619	ng		99
10) Phenol	6.934	94	1868043	42.486	ng		99
11) bis(2-Chloroethyl)ether	7.152	93	1474319	42.572	ng		99
12) 1,3-Dichlorobenzene	7.610	146	1577271	39.872	ng		99
13) 1,4-Dichlorobenzene	7.757	146	1588775	39.714	ng		99
14) 1,2-Dichlorobenzene	8.075	146	1551009	40.398	ng		99
15) Benzyl Alcohol	7.963	79	1201486	44.891	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.252	45	1511116	44.950	ng		98
17) 2-Methylphenol	8.163	107	1168538	43.612	ng		99
18) Hexachloroethane	8.799	117	582370	40.422	ng		97
19) n-Nitroso-di-n-propyla...	8.528	70	1109361	47.187	ng		99
20) 3+4-Methylphenols	8.493	107	1624216	44.560	ng		99
22) Acetophenone	8.540	105	2276043	39.547	ng	#	99
24) Nitrobenzene	8.922	77	1591380	40.279	ng		99
25) Isophorone	9.446	82	2746348	41.834	ng		99
26) 2-Nitrophenol	9.628	139	774456	42.547	ng		100
27) 2,4-Dimethylphenol	9.693	122	974689	40.793	ng		99
28) bis(2-Chloroethoxy)met...	9.922	93	1923588	40.447	ng		100
29) 2,4-Dichlorophenol	10.169	162	1317244	40.397	ng		99
30) 1,2,4-Trichlorobenzene	10.375	180	1415114	37.878	ng		98
31) Naphthalene	10.569	128	4716782	39.168	ng		99
32) Benzoic acid	9.846	122	931612	38.852	ng		99
33) 4-Chloroaniline	10.669	127	1717496	40.484	ng		99
34) Hexachlorobutadiene	10.863	225	807477	37.316	ng		99
35) Caprolactam	11.475	113	397884	37.595	ng		96
36) 4-Chloro-3-methylphenol	11.810	107	1407441	41.987	ng		98
37) 2-Methylnaphthalene	12.181	142	3177613	39.700	ng		100
38) 1-Methylnaphthalene	12.398	142	3131841	40.221	ng		100
40) 1,2,4,5-Tetrachloroben...	12.563	216	1531772	38.613	ng		99
41) Hexachlorocyclopentadiene	12.545	237	588127	39.842	ng		98
43) 2,4,6-Trichlorophenol	12.804	196	990706	40.951	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	1061321	40.113	ng	99
46) 1,1'-Biphenyl	13.204	154	3947756	39.349	ng	100
47) 2-Chloronaphthalene	13.251	162	2939335	38.757	ng	100
48) 2-Nitroaniline	13.457	65	777101	43.377	ng	96
49) Acenaphthylene	14.110	152	4472303	40.025	ng	99
50) Dimethylphthalate	13.845	163	3480419	38.216	ng	99
51) 2,6-Dinitrotoluene	13.963	165	749973	40.426	ng	97
52) Acenaphthene	14.463	154	2839802	39.466	ng	99
53) 3-Nitroaniline	14.304	138	805325	40.681	ng	98
54) 2,4-Dinitrophenol	14.504	184	381960	35.972	ng	99
55) Dibenzofuran	14.792	168	4513714	38.614	ng	99
56) 4-Nitrophenol	14.628	139	660629	38.633	ng	98
57) 2,4-Dinitrotoluene	14.769	165	992535	41.185	ng	98
58) Fluorene	15.463	166	3563527	39.035	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.034	232	903634	39.365	ng	100
60) Diethylphthalate	15.234	149	3472594	38.411	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	1764824	39.276	ng	97
62) 4-Nitroaniline	15.486	138	837245	36.565	ng	96
63) Azobenzene	15.763	77	3458255	40.821	ng	98
65) 4,6-Dinitro-2-methylph...	15.539	198	520338	36.957	ng	99
66) n-Nitrosodiphenylamine	15.681	169	2866795	40.149	ng	100
67) 4-Bromophenyl-phenylether	16.375	248	1033679	40.201	ng	98
68) Hexachlorobenzene	16.492	284	1161770	38.399	ng	98
69) Atrazine	16.675	200	706897	38.577	ng	99
70) Pentachlorophenol	16.851	266	790467	40.226	ng	99
71) Phenanthrene	17.251	178	4904478	37.992	ng	100
72) Anthracene	17.345	178	4866106	39.335	ng	100
73) Carbazole	17.628	167	4544322	38.555	ng	99
74) Di-n-butylphthalate	18.222	149	5655162	41.119	ng	99
75) Fluoranthene	19.345	202	5437875	37.242	ng	99
77) Benzidine	19.533	184	1240837	47.441	ng	99
78) Pyrene	19.722	202	5642328	41.385	ng	100
80) Butylbenzylphthalate	20.669	149	2365816	45.284	ng	96
81) Benzo(a)anthracene	21.663	228	5279328	39.225	ng	100
82) 3,3'-Dichlorobenzidine	21.574	252	1783823	42.414	ng	99
83) Chrysene	21.721	228	5091767	39.233	ng	100
84) Bis(2-ethylhexyl)phtha...	21.598	149	3562258	44.964	ng	100
85) Di-n-octyl phthalate	22.904	149	5486710	43.327	ng	99
87) Indeno(1,2,3-cd)pyrene	28.962	276	6288278m	39.221	ng	
88) Benzo(b)fluoranthene	24.015	252	5448132	38.068	ng	99
89) Benzo(k)fluoranthene	24.086	252	5517270	39.606	ng	99
90) Benzo(a)pyrene	24.933	252	4746443	39.079	ng	99
91) Dibenzo(a,h)anthracene	29.027	278	5275263	39.131	ng	100
92) Benzo(g,h,i)perylene	30.168	276	5333924	38.991	ng	99

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

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