Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022825\
Data File : BP024132.D
Acq On : 28 Feb 2025 12:50
Operator : RC/JU
Sample : PB166914BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB166914BS

Quant Time: Feb 28 13:34:38 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	7.763	152	403650	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	1785895	20.000	ng		0.00
39) Acenaphthene-d10	14.398	164	1091124	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	1898526	20.000	ng		0.00
76) Chrysene-d12	21.657	240	1709438	20.000	ng		0.01
86) Perylene-d12	25.045	264	1862369	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	4114589	159.055	ng		0.00
7) Phenol-d6	6.952	99	5357550	161.136	ng		0.00
23) Nitrobenzene-d5	8.916	82	3043932	95.088	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	2028056	151.743	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	7000412	89.693	ng		0.00
79) Terphenyl-d14	19.921	244	8922467	103.281	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	348977	34.389	ng		98
3) Pyridine	3.705	79	910163	34.497	ng		99
4) n-Nitrosodimethylamine	3.611	42	387987	41.457	ng		95
6) Aniline	7.099	93	1379378	45.301	ng		100
8) 2-Chlorophenol	7.334	128	1419120	51.829	ng		97
9) Benzaldehyde	6.910	77	508656	33.509	ng		100
10) Phenol	6.975	94	1813054	54.228	ng		99
11) bis(2-Chloroethyl)ether	7.187	93	1264219	48.008	ng		98
12) 1,3-Dichlorobenzene	7.651	146	1297408	43.132	ng		99
13) 1,4-Dichlorobenzene	7.799	146	1337792	43.977	ng		99
14) 1,2-Dichlorobenzene	8.110	146	1312066	44.943	ng		100
15) Benzyl Alcohol	7.998	79	1167769	57.378	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.281	45	1360019	53.203	ng		97
17) 2-Methylphenol	8.210	107	1196409	58.721	ng		100
18) Hexachloroethane	8.834	117	486672	44.423	ng		99
19) n-Nitroso-di-n-propyla...	8.563	70	974871	54.533	ng		99
20) 3+4-Methylphenols	8.534	107	1647016	59.422	ng		99
22) Acetophenone	8.575	105	2182895	47.565	ng	#	99
24) Nitrobenzene	8.951	77	1424969	45.231	ng		99
25) Isophorone	9.481	82	2720075	51.961	ng		99
26) 2-Nitrophenol	9.657	139	740203	50.998	ng		98
27) 2,4-Dimethylphenol	9.722	122	1231748	64.650	ng		99
28) bis(2-Chloroethoxy)met...	9.951	93	1775437	46.817	ng		100
29) 2,4-Dichlorophenol	10.198	162	1327512	51.056	ng		99
30) 1,2,4-Trichlorobenzene	10.404	180	1248245	41.901	ng		99
31) Naphthalene	10.592	128	4105994	42.759	ng		100
32) Benzoic acid	9.887	122	1049228	51.786	ng		99
33) 4-Chloroaniline	10.704	127	685575	20.266	ng		99
34) Hexachlorobutadiene	10.875	225	726764	42.119	ng		99
35) Caprolactam	11.498	113	456684	51.665	ng		94
36) 4-Chloro-3-methylphenol	11.839	107	1375979	51.478	ng		98
37) 2-Methylnaphthalene	12.204	142	2788525	43.690	ng		100
38) 1-Methylnaphthalene	12.422	142	2751243	44.311	ng		100
40) 1,2,4,5-Tetrachloroben...	12.575	216	1578276	47.077	ng		99
41) Hexachlorocyclopentadiene	12.557	237	1588867	127.363	ng		99
43) 2,4,6-Trichlorophenol	12.816	196	1006856	49.246	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.898	196	1094550	48.951	ng		98
46) 1,1'-Biphenyl	13.222	154	4054363	47.818	ng		99
47) 2-Chloronaphthalene	13.263	162	2808406	43.817	ng		100
48) 2-Nitroaniline	13.463	65	774905	51.181	ng		98
49) Acenaphthylene	14.116	152	4481918	47.462	ng		99
50) Dimethylphthalate	13.851	163	3416807	44.394	ng		100
51) 2,6-Dinitrotoluene	13.963	165	744432	47.482	ng		96
52) Acenaphthene	14.463	154	2675509	43.997	ng		99
53) 3-Nitroaniline	14.298	138	466820	27.903	ng		99
54) 2,4-Dinitrophenol	14.510	184	900672	86.441	ng		94
55) Dibenzofuran	14.804	168	4108914	41.593	ng		99
56) 4-Nitrophenol	14.633	139	1449969	100.333	ng		95
57) 2,4-Dinitrotoluene	14.763	165	1026874	50.419	ng		99
58) Fluorene	15.463	166	3356216	43.502	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.039	232	906487	46.727	ng		98
60) Diethylphthalate	15.239	149	3316980	43.414	ng		99
61) 4-Chlorophenyl-phenyle...	15.457	204	1650410	43.461	ng		98
62) 4-Nitroaniline	15.486	138	772303	39.609	ng		95
63) Azobenzene	15.757	77	3156098	44.082	ng		96
65) 4,6-Dinitro-2-methylph...	15.545	198	533254	44.261	ng		94
66) n-Nitrosodiphenylamine	15.680	169	2858601	48.283	ng		99
67) 4-Bromophenyl-phenylether	16.369	248	1018417	47.769	ng		96
68) Hexachlorobenzene	16.486	284	1201572	47.898	ng		96
69) Atrazine	16.651	200	1067266	70.244	ng		99
70) Pentachlorophenol	16.839	266	1641972	100.777	ng		99
71) Phenanthrene	17.239	178	4785047	44.705	ng		99
72) Anthracene	17.333	178	4847765	47.262	ng		100
73) Carbazole	17.616	167	4430230	45.332	ng		100
74) Di-n-butylphthalate	18.204	149	5370263	47.094	ng		99
75) Fluoranthene	19.327	202	5165457	42.666	ng		100
77) Benzidine	19.521	184	1834780	88.082	ng		99
78) Pyrene	19.704	202	5338314	49.164	ng		100
80) Butylbenzylphthalate	20.651	149	2307643	55.462	ng		93
81) Benzo(a)anthracene	21.633	228	5020589	46.838	ng		100
82) 3,3'-Dichlorobenzidine	21.551	252	1514293	45.209	ng		100
83) Chrysene	21.704	228	4681101	45.289	ng		99
84) Bis(2-ethylhexyl)phtha...	21.574	149	3441524	54.544	ng		99
85) Di-n-octyl phthalate	22.874	149	5707643	56.593	ng		98
87) Indeno(1,2,3-cd)pyrene	28.915	276	6182392	46.663	ng	#	77
88) Benzo(b)fluoranthene	23.980	252	5077540	42.933	ng		99
89) Benzo(k)fluoranthene	24.051	252	5140083	44.652	ng		99
90) Benzo(a)pyrene	24.898	252	4824433	48.068	ng		99
91) Dibenzo(a,h)anthracene	29.009	278	5088427	45.677	ng		99
92) Benzo(g,h,i)perylene	30.103	276	4798925	42.452	ng		99

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

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