Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021725\
Data File : BP024077.D
Acq On : 17 Feb 2025 16:55
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP021725

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

Quant Time: Feb 18 02:29:20 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	7.757	152	369369	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	1519215	20.000	ng		0.00
39) Acenaphthene-d10	14.386	164	907441	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1700373	20.000	ng		0.01
76) Chrysene-d12	21.651	240	1807335	20.000	ng		0.00
86) Perylene-d12	25.033	264	1932598	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	2062583	87.132	ng		0.00
7) Phenol-d6	6.946	99	2688192	88.355	ng		0.00
23) Nitrobenzene-d5	8.904	82	2298841	84.418	ng		0.00
42) 2,4,6-Tribromophenol	15.904	330	1021981	91.945	ng		0.00
45) 2-Fluorobiphenyl	13.004	172	5412147	83.379	ng		0.00
79) Terphenyl-d14	19.927	244	7828871	85.714	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	392331	42.249	ng		100
3) Pyridine	3.711	79	1080542	44.756	ng		100
4) n-Nitrosodimethylamine	3.616	42	364113	42.517	ng		99
6) Aniline	7.099	93	1247850	44.785	ng		99
8) 2-Chlorophenol	7.334	128	1105440	44.120	ng		99
9) Benzaldehyde	6.910	77	602790	43.395	ng		99
10) Phenol	6.969	94	1330029	43.473	ng		99
11) bis(2-Chloroethyl)ether	7.193	93	1035252	42.962	ng		99
12) 1,3-Dichlorobenzene	7.652	146	1178294	42.808	ng		99
13) 1,4-Dichlorobenzene	7.799	146	1192250	42.831	ng		99
14) 1,2-Dichlorobenzene	8.110	146	1149716	43.037	ng		100
15) Benzyl Alcohol	7.999	79	848136	45.541	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.281	45	1012036	43.264	ng		99
17) 2-Methylphenol	8.204	107	844851	45.315	ng		99
18) Hexachloroethane	8.834	117	434741	43.366	ng		99
19) n-Nitroso-di-n-propyla...	8.557	70	760762	46.505	ng		99
20) 3+4-Methylphenols	8.528	107	1153262	45.470	ng		99
22) Acetophenone	8.575	105	1638160	41.961	ng	#	100
24) Nitrobenzene	8.946	77	1124849	41.972	ng		99
25) Isophorone	9.475	82	1971401	44.270	ng		100
26) 2-Nitrophenol	9.651	139	563528	45.641	ng		99
27) 2,4-Dimethylphenol	9.716	122	711081	43.873	ng		98
28) bis(2-Chloroethoxy)met...	9.945	93	1373405	42.573	ng		99
29) 2,4-Dichlorophenol	10.193	162	992500	44.872	ng		99
30) 1,2,4-Trichlorobenzene	10.398	180	1066046	42.066	ng		98
31) Naphthalene	10.587	128	3406740	41.704	ng		99
32) Benzoic acid	9.857	122	691485	41.807	ng		96
33) 4-Chloroaniline	10.698	127	1248446	43.382	ng		98
34) Hexachlorobutadiene	10.875	225	616661	42.012	ng		99
35) Caprolactam	11.487	113	308093	42.126	ng		98
36) 4-Chloro-3-methylphenol	11.828	107	1026676	45.153	ng		96
37) 2-Methylnaphthalene	12.198	142	2329759	42.910	ng		99
38) 1-Methylnaphthalene	12.416	142	2272415	43.023	ng		100
40) 1,2,4,5-Tetrachloroben...	12.569	216	1163331	41.724	ng		100
41) Hexachlorocyclopentadiene	12.551	237	439957	42.405	ng		100
43) 2,4,6-Trichlorophenol	12.810	196	754219	44.356	ng		98

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44) 2,4,5-Trichlorophenol	12.892	196	805715	43.327	ng	99
46) 1,1'-Biphenyl	13.216	154	2949815	41.833	ng	99
47) 2-Chloronaphthalene	13.257	162	2202458	41.318	ng	100
48) 2-Nitroaniline	13.457	65	565891	44.942	ng	97
49) Acenaphthylene	14.110	152	3362770	42.818	ng	99
50) Dimethylphthalate	13.845	163	2758051	43.088	ng	100
51) 2,6-Dinitrotoluene	13.957	165	582215	44.652	ng	99
52) Acenaphthene	14.451	154	2140376	42.322	ng	100
53) 3-Nitroaniline	14.292	138	635206	45.653	ng	98
54) 2,4-Dinitrophenol	14.498	184	309649	40.297	ng	99
55) Dibenzofuran	14.792	168	3442443	41.901	ng	100
56) 4-Nitrophenol	14.616	139	540455	44.967	ng	98
57) 2,4-Dinitrotoluene	14.751	165	774194	45.707	ng	98
58) Fluorene	15.451	166	2751052	42.876	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.028	232	716949	44.437	ng	100
60) Diethylphthalate	15.228	149	2749096	43.265	ng	100
61) 4-Chlorophenyl-phenyle...	15.445	204	1342026	42.494	ng	100
62) 4-Nitroaniline	15.480	138	672079	41.293	ng	98
63) Azobenzene	15.745	77	2556961	42.943	ng	97
65) 4,6-Dinitro-2-methylph...	15.533	198	431818	40.594	ng	99
66) n-Nitrosodiphenylamine	15.663	169	2254420	42.516	ng	100
67) 4-Bromophenyl-phenylether	16.363	248	815220	42.694	ng	96
68) Hexachlorobenzene	16.486	284	939238	41.804	ng	98
69) Atrazine	16.651	200	645577	47.441	ng	99
70) Pentachlorophenol	16.839	266	638293	43.741	ng	99
71) Phenanthrene	17.239	178	4005747	41.785	ng	100
72) Anthracene	17.333	178	3979469	43.318	ng	99
73) Carbazole	17.616	167	3858761	44.086	ng	99
74) Di-n-butylphthalate	18.216	149	4595361	44.995	ng	100
75) Fluoranthene	19.333	202	4617456	42.584	ng	99
77) Benzidine	19.521	184	1077091	48.907	ng	100
78) Pyrene	19.710	202	4872748	42.445	ng	100
80) Butylbenzylphthalate	20.663	149	1991572	45.272	ng	96
81) Benzo(a)anthracene	21.633	228	4832498	42.641	ng	100
82) 3,3'-Dichlorobenzidine	21.557	252	1651904	46.646	ng	98
83) Chrysene	21.704	228	4564716	41.771	ng	100
84) Bis(2-ethylhexyl)phtha...	21.580	149	3031786	45.448	ng	99
85) Di-n-octyl phthalate	22.874	149	4609915	43.233	ng	99
87) Indeno(1,2,3-cd)pyrene	28.868	276	5692411m	41.403	ng	
88) Benzo(b)fluoranthene	23.974	252	5004416	40.777	ng	100
89) Benzo(k)fluoranthene	24.039	252	4859842	40.683	ng	99
90) Benzo(a)pyrene	24.874	252	4481682	43.030	ng	99
91) Dibenzo(a,h)anthracene	28.968	278	4719923	40.829	ng	99
92) Benzo(g,h,i)perylene	30.091	276	4793937	40.867	ng	100

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

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