Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021725\
Data File : BP024075.D
Acq On : 17 Feb 2025 15:33
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 18 02:04:43 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 01:47:18 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	394126	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1541831	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	917370	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1765913	20.000	ng	0.01
76) Chrysene-d12	21.651	240	1918593	20.000	ng	0.00
86) Perylene-d12	25.033	264	1894825	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	3199514	126.670	ng	0.00
7) Phenol-d6	6.946	99	4085531	125.848	ng	0.00
23) Nitrobenzene-d5	8.910	82	3407242	123.286	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1568781	139.612	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	7864706	119.852	ng	0.00
79) Terphenyl-d14	19.922	244	11631422	119.961	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	618638	62.435	ng	99
3) Pyridine	3.711	79	1645161m	63.795	ng	
4) n-Nitrosodimethylamine	3.617	42	572966	62.702	ng	97
6) Aniline	7.105	93	1817148	61.121	ng	99
8) 2-Chlorophenol	7.334	128	1651047	61.757	ng	99
9) Benzaldehyde	6.910	77	786547	53.067	ng	98
10) Phenol	6.975	94	2019553	61.864	ng	99
11) bis(2-Chloroethyl)ether	7.187	93	1543294	60.022	ng	100
12) 1,3-Dichlorobenzene	7.652	146	1764626	60.082	ng	99
13) 1,4-Dichlorobenzene	7.799	146	1802599	60.689	ng	99
14) 1,2-Dichlorobenzene	8.110	146	1725547	60.534	ng	100
15) Benzyl Alcohol	7.999	79	1279024	64.364	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.281	45	1475268	59.106	ng	99
17) 2-Methylphenol	8.205	107	1268244	63.751	ng	99
18) Hexachloroethane	8.834	117	657288	61.447	ng	99
19) n-Nitroso-di-n-propyla...	8.563	70	1136998	65.139	ng	98
20) 3+4-Methylphenols	8.528	107	1754170	64.818	ng	100
22) Acetophenone	8.575	105	2418660	61.045	ng	99
24) Nitrobenzene	8.952	77	1667986	61.325	ng	99
25) Isophorone	9.475	82	2928249	64.792	ng	100
26) 2-Nitrophenol	9.657	139	852054	67.996	ng	99
27) 2,4-Dimethylphenol	9.722	122	1058062	64.324	ng	99
28) bis(2-Chloroethoxy)met...	9.951	93	2006585	61.289	ng	100
29) 2,4-Dichlorophenol	10.193	162	1465609	65.290	ng	99
30) 1,2,4-Trichlorobenzene	10.399	180	1571391	61.098	ng	99
31) Naphthalene	10.587	128	5055188	60.977	ng	99
32) Benzoic acid	9.881	122	1097982	61.182	ng	99
33) 4-Chloroaniline	10.699	127	1893462	64.831	ng	99
34) Hexachlorobutadiene	10.875	225	888798	59.663	ng	99
35) Caprolactam	11.493	113	479740	61.656	ng	99
36) 4-Chloro-3-methylphenol	11.828	107	1552600	67.281	ng	98
37) 2-Methylnaphthalene	12.198	142	3425572	62.168	ng	99
38) 1-Methylnaphthalene	12.422	142	3338511	62.280	ng	99
40) 1,2,4,5-Tetrachloroben...	12.569	216	1692793	60.056	ng	99
41) Hexachlorocyclopentadiene	12.551	237	648687	61.847	ng	99
43) 2,4,6-Trichlorophenol	12.816	196	1119233	65.111	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.893	196	1231522	65.508	ng	99
46)	1,1'-Biphenyl	13.216	154	4336048	60.827	ng	100
47)	2-Chloronaphthalene	13.257	162	3265887	60.605	ng	100
48)	2-Nitroaniline	13.463	65	887318	69.706	ng	96
49)	Acenaphthylene	14.116	152	4993358	62.893	ng	99
50)	Dimethylphthalate	13.851	163	4124435	63.737	ng	99
51)	2,6-Dinitrotoluene	13.969	165	884837	67.127	ng	97
52)	Acenaphthene	14.463	154	3225226	63.082	ng	99
53)	3-Nitroaniline	14.304	138	986517	70.135	ng	97
54)	2,4-Dinitrophenol	14.510	184	514185	61.192	ng	94
55)	Dibenzofuran	14.798	168	5127011	61.729	ng	100
56)	4-Nitrophenol	14.628	139	852660	70.176	ng	98
57)	2,4-Dinitrotoluene	14.763	165	1218167	71.140	ng	99
58)	Fluorene	15.457	166	4185570	64.527	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.028	232	1092641	66.990	ng	99
60)	Diethylphthalate	15.239	149	4157700	64.725	ng	99
61)	4-Chlorophenyl-phenyle...	15.457	204	2061004	64.553	ng	97
62)	4-Nitroaniline	15.486	138	1065073	62.865	ng	98
63)	Azobenzene	15.751	77	3898240	64.761	ng	98
65)	4,6-Dinitro-2-methylph...	15.539	198	703007	60.225	ng	95
66)	n-Nitrosodiphenylamine	15.675	169	3414829	62.009	ng	100
67)	4-Bromophenyl-phenylether	16.369	248	1241407	62.601	ng	98
68)	Hexachlorobenzene	16.492	284	1441949	61.796	ng	97
69)	Atrazine	16.651	200	813746	57.580	ng	99
70)	Pentachlorophenol	16.845	266	1011899	66.770	ng	99
71)	Phenanthrene	17.239	178	6099786	61.268	ng	99
72)	Anthracene	17.333	178	6096285	63.897	ng	100
73)	Carbazole	17.616	167	5866613	64.537	ng	99
74)	Di-n-butylphthalate	18.210	149	7118459	67.112	ng	99
75)	Fluoranthene	19.327	202	7166887	63.643	ng	99
77)	Benzidine	19.522	184	828311	35.429	ng	99
78)	Pyrene	19.704	202	7481316	61.389	ng	99
80)	Butylbenzylphthalate	20.651	149	3221190	68.978	ng	97
81)	Benzo(a)anthracene	21.627	228	7431691	61.773	ng	99
82)	3,3'-Dichlorobenzidine	21.551	252	2414479	64.226	ng	98
83)	Chrysene	21.698	228	7112070	61.307	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.569	149	4837121	68.305	ng	99
85)	Di-n-octyl phthalate	22.874	149	7543689	66.644	ng	98
87)	Indeno(1,2,3-cd)pyrene	28.909	276	8636492m	64.038	ng	
88)	Benzo(b)fluoranthene	23.974	252	7820714	64.996	ng	100
89)	Benzo(k)fluoranthene	24.051	252	7468085	63.764	ng	99
90)	Benzo(a)pyrene	24.880	252	6721503	65.822	ng	99
91)	Dibenzo(a,h)anthracene	28.998	278	7291389	64.331	ng	99
92)	Benzo(g,h,i)perylene	30.103	276	7318545	63.632	ng	98

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

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