Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021725\
Data File : BP024074.D
Acq On : 17 Feb 2025 14:52
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 18 02:03:54 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 :
SSTDICC050

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	7.758	152	401101	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1615724	20.000	ng	0.00
39) Acenaphthene-d10	14.393	164	981933	20.000	ng	0.00
64) Phenanthrene-d10	17.187	188	1856340	20.000	ng	0.00
76) Chrysene-d12	21.639	240	1908683	20.000	ng	0.00
86) Perylene-d12	25.021	264	1919125	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2554204	99.363	ng	0.00
7) Phenol-d6	6.946	99	3397220	102.826	ng	0.00
23) Nitrobenzene-d5	8.911	82	2908711	100.434	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1309117	108.843	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	6747438	96.065	ng	0.00
79) Terphenyl-d14	19.916	244	9812397	101.726	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	474544	47.060	ng	100
3) Pyridine	3.705	79	1301636m	49.596	ng	
4) n-Nitrosodimethylamine	3.611	42	458775	49.333	ng	95
6) Aniline	7.099	93	1546490	51.113	ng	99
8) 2-Chlorophenol	7.334	128	1366237	50.215	ng	99
9) Benzaldehyde	6.911	77	693208	45.956	ng	99
10) Phenol	6.969	94	1685931	50.746	ng	100
11) bis(2-Chloroethyl)ether	7.187	93	1313040	50.179	ng	100
12) 1,3-Dichlorobenzene	7.652	146	1473556	49.299	ng	99
13) 1,4-Dichlorobenzene	7.793	146	1487495	49.209	ng	99
14) 1,2-Dichlorobenzene	8.111	146	1434540	49.450	ng	100
15) Benzyl Alcohol	7.999	79	1074856	53.149	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.287	45	1282012	50.470	ng	99
17) 2-Methylphenol	8.205	107	1076108	53.152	ng	99
18) Hexachloroethane	8.834	117	537993	49.420	ng	99
19) n-Nitroso-di-n-propyla...	8.563	70	962428	54.179	ng	99
20) 3+4-Methylphenols	8.528	107	1469837	53.367	ng	100
22) Acetophenone	8.575	105	2060849	49.635	ng	99
24) Nitrobenzene	8.946	77	1412533	49.558	ng	99
25) Isophorone	9.475	82	2500792	52.803	ng	100
26) 2-Nitrophenol	9.658	139	703942	53.607	ng	97
27) 2,4-Dimethylphenol	9.722	122	893376	51.828	ng	99
28) bis(2-Chloroethoxy)met...	9.952	93	1712421	49.912	ng	99
29) 2,4-Dichlorophenol	10.193	162	1244264	52.894	ng	99
30) 1,2,4-Trichlorobenzene	10.405	180	1324542	49.145	ng	100
31) Naphthalene	10.587	128	4267455	49.121	ng	100
32) Benzoic acid	9.875	122	874212	48.284	ng	99
33) 4-Chloroaniline	10.699	127	1599816	52.272	ng	99
34) Hexachlorobutadiene	10.875	225	761289	48.767	ng	99
35) Caprolactam	11.493	113	400942	50.301	ng	98
36) 4-Chloro-3-methylphenol	11.834	107	1316347	54.434	ng	100
37) 2-Methylnaphthalene	12.199	142	2952858	51.138	ng	99
38) 1-Methylnaphthalene	12.422	142	2893959	51.518	ng	99
40) 1,2,4,5-Tetrachloroben...	12.569	216	1457845	48.320	ng	100
41) Hexachlorocyclopentadiene	12.551	237	564942	50.321	ng	99
43) 2,4,6-Trichlorophenol	12.810	196	958494	52.094	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.893	196	1042099	51.788	ng	99
46)	1,1'-Biphenyl	13.216	154	3717437	48.720	ng	100
47)	2-Chloronaphthalene	13.263	162	2782459	48.239	ng	100
48)	2-Nitroaniline	13.463	65	729962	53.574	ng	95
49)	Acenaphthylene	14.116	152	4269178	50.236	ng	99
50)	Dimethylphthalate	13.851	163	3523238	50.867	ng	100
51)	2,6-Dinitrotoluene	13.963	165	745745	52.855	ng	99
52)	Acenaphthene	14.463	154	2717308	49.653	ng	100
53)	3-Nitroaniline	14.298	138	825856	54.853	ng	98
54)	2,4-Dinitrophenol	14.504	184	414065	47.964	ng	97
55)	Dibenzofuran	14.798	168	4400884	49.503	ng	99
56)	4-Nitrophenol	14.628	139	703877	54.122	ng	97
57)	2,4-Dinitrotoluene	14.763	165	1010603	55.138	ng	96
58)	Fluorene	15.457	166	3530097	50.844	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.034	232	924117	52.933	ng	99
60)	Diethylphthalate	15.234	149	3568867	51.905	ng	100
61)	4-Chlorophenyl-phenyle...	15.451	204	1732867	50.707	ng	98
62)	4-Nitroaniline	15.481	138	871498	48.832	ng	97
63)	Azobenzene	15.751	77	3271385	50.774	ng	98
65)	4,6-Dinitro-2-methylph...	15.540	198	572186	47.987	ng	96
66)	n-Nitrosodiphenylamine	15.669	169	2882057	49.786	ng	100
67)	4-Bromophenyl-phenylether	16.363	248	1062285	50.959	ng	97
68)	Hexachlorobenzene	16.481	284	1229587	50.128	ng	99
69)	Atrazine	16.645	200	731053	49.209	ng	100
70)	Pentachlorophenol	16.834	266	851580	53.454	ng	99
71)	Phenanthrene	17.234	178	5171174	49.410	ng	100
72)	Anthracene	17.328	178	5067711	50.529	ng	100
73)	Carbazole	17.610	167	4939245	51.689	ng	100
74)	Di-n-butylphthalate	18.198	149	6059028	54.342	ng	99
75)	Fluoranthene	19.316	202	6088138	51.430	ng	99
77)	Benzidine	19.516	184	565766	24.325	ng	99
78)	Pyrene	19.692	202	6274442	51.753	ng	100
80)	Butylbenzylphthalate	20.645	149	2541058	54.696	ng	96
81)	Benzo(a)anthracene	21.616	228	6125971	51.184	ng	99
82)	3,3'-Dichlorobenzidine	21.545	252	1884681	50.393	ng	99
83)	Chrysene	21.692	228	5779608	50.080	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.563	149	3950631	56.077	ng	100
85)	Di-n-octyl phthalate	22.863	149	6065533	53.864	ng	99
87)	Indeno(1,2,3-cd)pyrene	28.886	276	6954933m	50.917	ng	
88)	Benzo(b)fluoranthene	23.963	252	6273269	51.475	ng	100
89)	Benzo(k)fluoranthene	24.033	252	6086899	51.313	ng	100
90)	Benzo(a)pyrene	24.868	252	5378549	52.004	ng	99
91)	Dibenzo(a,h)anthracene	28.968	278	5858804	51.037	ng	99
92)	Benzo(g,h,i)perylene	30.080	276	5859496	50.301	ng	99

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

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