Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021825\
Data File : BP024090.D
Acq On : 18 Feb 2025 19:20
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

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

Quant Time: Feb 19 00:15:58 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	460288	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1982904	20.000	ng	0.00
39) Acenaphthene-d10	14.386	164	1218458	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	2041921	20.000	ng	0.00
76) Chrysene-d12	21.645	240	1766633	20.000	ng	0.00
86) Perylene-d12	25.033	264	1833493	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2281381	77.338	ng	0.00
7) Phenol-d6	6.946	99	3266516	86.156	ng	0.00
23) Nitrobenzene-d5	8.910	82	2882881	81.110	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	1141074	76.455	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	6798671	78.005	ng	0.00
79) Terphenyl-d14	19.916	244	7878163	88.241	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	412885	35.680	ng	99
3) Pyridine	3.705	79	1189648m	39.542	ng	
4) n-Nitrosodimethylamine	3.616	42	434273	40.693	ng	100
6) Aniline	7.093	93	1525302	43.930	ng	99
8) 2-Chlorophenol	7.334	128	1283868	41.120	ng	97
9) Benzaldehyde	6.910	77	767756	44.354	ng	99
10) Phenol	6.969	94	1638659	42.981	ng	100
11) bis(2-Chloroethyl)ether	7.187	93	1282838	42.721	ng	99
12) 1,3-Dichlorobenzene	7.651	146	1347002	39.270	ng	99
13) 1,4-Dichlorobenzene	7.793	146	1385763	39.949	ng	99
14) 1,2-Dichlorobenzene	8.110	146	1327225	39.868	ng	99
15) Benzyl Alcohol	7.999	79	1040526	44.835	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.281	45	1253855	43.014	ng	99
17) 2-Methylphenol	8.204	107	1026677	44.190	ng	99
18) Hexachloroethane	8.828	117	496214	39.721	ng	97
19) n-Nitroso-di-n-propyla...	8.557	70	984834	48.311	ng	99
20) 3+4-Methylphenols	8.528	107	1410088	44.614	ng	98
22) Acetophenone	8.575	105	2051647	40.264	ng	100
24) Nitrobenzene	8.951	77	1404696	40.157	ng	99
25) Isophorone	9.475	82	2458697	42.301	ng	99
26) 2-Nitrophenol	9.657	139	667140	41.397	ng	99
27) 2,4-Dimethylphenol	9.722	122	849012	40.134	ng	99
28) bis(2-Chloroethoxy)met...	9.951	93	1696021	40.280	ng	99
29) 2,4-Dichlorophenol	10.187	162	1173221	40.639	ng	99
30) 1,2,4-Trichlorobenzene	10.398	180	1265432	38.257	ng	99
31) Naphthalene	10.587	128	4131715	38.752	ng	99
32) Benzoic acid	9.869	122	807775	38.204	ng	97
33) 4-Chloroaniline	10.693	127	1531566	40.775	ng	99
34) Hexachlorobutadiene	10.875	225	717693	37.461	ng	99
35) Caprolactam	11.487	113	350063	37.394	ng	95
36) 4-Chloro-3-methylphenol	11.828	107	1237505	41.698	ng	99
37) 2-Methylnaphthalene	12.198	142	2850213	40.220	ng	99
38) 1-Methylnaphthalene	12.416	142	2773669	40.233	ng	99
40) 1,2,4,5-Tetrachloroben...	12.569	216	1396088	37.291	ng	99
41) Hexachlorocyclopentadiene	12.551	237	532736	38.241	ng	99
43) 2,4,6-Trichlorophenol	12.810	196	894477	39.177	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.887	196	969664	38.834	ng	98
46)	1,1'-Biphenyl	13.210	154	3589098	37.907	ng	99
47)	2-Chloronaphthalene	13.251	162	2705485	37.800	ng	99
48)	2-Nitroaniline	13.457	65	697079	41.229	ng	98
49)	Acenaphthylene	14.110	152	4192085	39.753	ng	99
50)	Dimethylphthalate	13.845	163	3273651	38.089	ng	100
51)	2,6-Dinitrotoluene	13.957	165	698641	39.904	ng	100
52)	Acenaphthene	14.457	154	2642409	38.912	ng	99
53)	3-Nitroaniline	14.292	138	743583	39.801	ng	97
54)	2,4-Dinitrophenol	14.498	184	340002	34.371	ng	98
55)	Dibenzofuran	14.792	168	4154406	37.659	ng	100
56)	4-Nitrophenol	14.616	139	584126	36.195	ng	98
57)	2,4-Dinitrotoluene	14.757	165	871931	38.338	ng	95
58)	Fluorene	15.457	166	3313255	38.457	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.022	232	811686	37.468	ng	98
60)	Diethylphthalate	15.228	149	3204613	37.560	ng	99
61)	4-Chlorophenyl-phenyle...	15.451	204	1611882	38.011	ng	99
62)	4-Nitroaniline	15.475	138	750291	34.886	ng	99
63)	Azobenzene	15.745	77	3177126	39.739	ng	98
65)	4,6-Dinitro-2-methylph...	15.533	198	464311	36.977	ng	98
66)	n-Nitrosodiphenylamine	15.669	169	2625461	41.231	ng	100
67)	4-Bromophenyl-phenylether	16.357	248	925576	40.366	ng	98
68)	Hexachlorobenzene	16.480	284	1063761	39.426	ng	99
69)	Atrazine	16.639	200	650124	39.784	ng	99
70)	Pentachlorophenol	16.833	266	681557	38.893	ng	99
71)	Phenanthrene	17.227	178	4482765	38.940	ng	99
72)	Anthracene	17.327	178	4377030	39.676	ng	99
73)	Carbazole	17.604	167	4062613	38.651	ng	99
74)	Di-n-butylphthalate	18.198	149	4974965	40.564	ng	99
75)	Fluoranthene	19.321	202	4682213	35.959	ng	99
77)	Benzidine	19.516	184	590671	27.438	ng	100
78)	Pyrene	19.698	202	4862969	43.336	ng	99
80)	Butylbenzylphthalate	20.651	149	1850427	43.033	ng	97
81)	Benzo(a)anthracene	21.627	228	4397922	39.701	ng	100
82)	3,3'-Dichlorobenzidine	21.551	252	1328838	38.388	ng	98
83)	Chrysene	21.698	228	4234811	39.645	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.568	149	2868623	43.992	ng	100
85)	Di-n-octyl phthalate	22.868	149	4378168	42.006	ng	99
87)	Indeno(1,2,3-cd)pyrene	28.892	276	5136070m	39.376	ng	
88)	Benzo(b)fluoranthene	23.962	252	4534643	38.947	ng	99
89)	Benzo(k)fluoranthene	24.033	252	4515429	39.843	ng	99
90)	Benzo(a)pyrene	24.874	252	3912125	39.592	ng	99
91)	Dibenzo(a,h)anthracene	28.956	278	4311346	39.311	ng	100
92)	Benzo(g,h,i)perylene	30.062	276	4330859	38.915	ng	99

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

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