Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110724\
Data File : BP022918.D
Acq On : 07 Nov 2024 14:31
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 07 23:20:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 23:16:12 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	72496	20.000	ng	0.00
21) Naphthalene-d8	10.345	136	270641	20.000	ng	0.00
39) Acenaphthene-d10	14.216	164	222935	20.000	ng	0.00
64) Phenanthrene-d10	17.022	188	550938	20.000	ng	0.00
76) Chrysene-d12	21.463	240	656894	20.000	ng	0.00
86) Perylene-d12	24.698	264	779446	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	309338	80.977	ng	0.00
7) Phenol-d6	6.793	99	427244	80.198	ng	0.00
23) Nitrobenzene-d5	8.740	82	462451	80.727	ng	0.00
42) 2,4,6-Tribromophenol	15.745	330	341261	78.974	ng	0.00
45) 2-Fluorobiphenyl	12.816	172	1218301	78.085	ng	0.00
79) Terphenyl-d14	19.757	244	2743251	78.428	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	61241	40.154	ng	100
3) Pyridine	3.575	79	168818m	40.455	ng	
4) n-Nitrosodimethylamine	3.487	42	80888	40.069	ng	100
6) Aniline	6.940	93	179698	40.464	ng	100
8) 2-Chlorophenol	7.169	128	161690	40.380	ng	100
9) Benzaldehyde	6.757	77	122491	39.794	ng	100
10) Phenol	6.816	94	213872	40.537	ng	100
11) bis(2-Chloroethyl)ether	7.034	93	158993	39.887	ng	100
12) 1,3-Dichlorobenzene	7.481	146	202460	39.615	ng	100
13) 1,4-Dichlorobenzene	7.634	146	204335	39.157	ng	100
14) 1,2-Dichlorobenzene	7.940	146	199057	39.455	ng	100
15) Benzyl Alcohol	7.840	79	160616	41.050	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.110	45	170032	39.316	ng	100
17) 2-Methylphenol	8.046	107	146377	40.872	ng	100
18) Hexachloroethane	8.646	117	75976	39.357	ng	100
19) n-Nitroso-di-n-propyla...	8.393	70	146463	40.167	ng	100
20) 3+4-Methylphenols	8.369	107	201846	40.326	ng	100
22) Acetophenone	8.410	105	284548	39.499	ng	100
24) Nitrobenzene	8.781	77	235280	40.433	ng	100
25) Isophorone	9.293	82	387993	40.017	ng	100
26) 2-Nitrophenol	9.481	139	96718	40.475	ng	100
27) 2,4-Dimethylphenol	9.540	122	108108	39.621	ng	100
28) bis(2-Chloroethoxy)met...	9.775	93	219691	39.891	ng	100
29) 2,4-Dichlorophenol	10.016	162	193512	40.972	ng	100
30) 1,2,4-Trichlorobenzene	10.216	180	237828	39.388	ng	100
31) Naphthalene	10.398	128	541529	39.934	ng	100
32) Benzoic acid	9.728	122	137314	41.927	ng	100
33) 4-Chloroaniline	10.522	127	197348	40.887	ng	100
34) Hexachlorobutadiene	10.669	225	177534	40.087	ng	100
35) Caprolactam	11.310	113	57343	40.556	ng	100
36) 4-Chloro-3-methylphenol	11.651	107	214810	40.980	ng	100
37) 2-Methylnaphthalene	12.004	142	404119	39.790	ng	100
38) 1-Methylnaphthalene	12.234	142	406166	40.293	ng	100
40) 1,2,4,5-Tetrachloroben...	12.381	216	297343	39.397	ng	100
41) Hexachlorocyclopentadiene	12.351	237	89973	42.449	ng	100
43) 2,4,6-Trichlorophenol	12.639	196	195066	40.638	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.722	196	221187	40.479	ng	100
46) 1,1'-Biphenyl	13.034	154	591369	39.904	ng	100
47) 2-Chloronaphthalene	13.075	162	483833	39.340	ng	100
48) 2-Nitroaniline	13.298	65	145626	41.193	ng	100
49) Acenaphthylene	13.939	152	681794	39.695	ng	100
50) Dimethylphthalate	13.686	163	644601	39.492	ng	100
51) 2,6-Dinitrotoluene	13.792	165	147374	39.709	ng	100
52) Acenaphthene	14.286	154	441144	39.942	ng	100
53) 3-Nitroaniline	14.134	138	123336	40.902	ng	100
54) 2,4-Dinitrophenol	14.375	184	96762	42.014	ng	100
55) Dibenzofuran	14.622	168	755979	38.976	ng	100
56) 4-Nitrophenol	14.475	139	105244	40.728	ng	100
57) 2,4-Dinitrotoluene	14.616	165	216964	40.438	ng	100
58) Fluorene	15.275	166	636323	39.488	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.857	232	211956	40.219	ng	100
60) Diethylphthalate	15.069	149	639683	39.404	ng	100
61) 4-Chlorophenyl-phenyle...	15.281	204	369985	38.956	ng	100
62) 4-Nitroaniline	15.328	138	130136	42.287	ng	100
63) Azobenzene	15.575	77	562397	40.288	ng	100
65) 4,6-Dinitro-2-methylph...	15.398	198	142572	41.191	ng	100
66) n-Nitrosodiphenylamine	15.504	169	548536	40.272	ng	100
67) 4-Bromophenyl-phenylether	16.204	248	264341	40.003	ng	100
68) Hexachlorobenzene	16.316	284	333154	39.361	ng	100
69) Atrazine	16.486	200	202845	44.183	ng	100
70) Pentachlorophenol	16.669	266	224960	41.618	ng	100
71) Phenanthrene	17.063	178	1064139	39.911	ng	100
72) Anthracene	17.163	178	1031342	40.305	ng	100
73) Carbazole	17.439	167	981445	40.159	ng	100
74) Di-n-butylphthalate	18.027	149	1104057	40.536	ng	100
75) Fluoranthene	19.169	202	1504601	40.679	ng	100
77) Benzidine	19.369	184	622338	47.949	ng	100
78) Pyrene	19.539	202	1530457	39.360	ng	100
80) Butylbenzylphthalate	20.486	149	541540	40.847	ng	100
81) Benzo(a)anthracene	21.445	228	1589858	38.894	ng	100
82) 3,3'-Dichlorobenzidine	21.363	252	651185	39.352	ng	100
83) Chrysene	21.504	228	1511154	39.467	ng	100
84) Bis(2-ethylhexyl)phtha...	21.374	149	747652	39.296	ng	100
85) Di-n-octyl phthalate	22.598	149	1276964	40.162	ng	100
87) Indeno(1,2,3-cd)pyrene	28.350	276	2065299	39.290	ng	100
88) Benzo(b)fluoranthene	23.674	252	1866122	40.751	ng	100
89) Benzo(k)fluoranthene	23.745	252	1678612	38.821	ng	100
90) Benzo(a)pyrene	24.533	252	1564093	39.918	ng	100
91) Dibenzo(a,h)anthracene	28.403	278	1674163	38.847	ng	100
92) Benzo(g,h,i)perylene	29.492	276	1752398	39.670	ng	100

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

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