Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110724\
Data File : BP022921.D
Acq On : 07 Nov 2024 16:34
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

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

Quant Time: Nov 07 23:22:50 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.593	152	74153	20.000	ng		0.00
21) Naphthalene-d8	10.352	136	273526	20.000	ng		0.00
39) Acenaphthene-d10	14.222	164	214357	20.000	ng		0.00
64) Phenanthrene-d10	17.028	188	551367	20.000	ng		0.00
76) Chrysene-d12	21.457	240	620593	20.000	ng		0.00
86) Perylene-d12	24.674	264	750557	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.234	112	633683	162.177	ng		0.00
7) Phenol-d6	6.799	99	877084	160.959	ng		0.00
23) Nitrobenzene-d5	8.746	82	907565	156.756	ng		0.00
42) 2,4,6-Tribromophenol	15.728	330	700479	168.591	ng		-0.02
45) 2-Fluorobiphenyl	12.822	172	2444982	162.977	ng		0.00
79) Terphenyl-d14	19.757	244	5337836	161.532	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	116697	74.805	ng		98
3) Pyridine	3.575	79	344911m	80.807	ng		
4) n-Nitrosodimethylamine	3.481	42	162180	78.544	ng		100
6) Aniline	6.946	93	323857	71.295	ng		97
8) 2-Chlorophenol	7.169	128	326131	79.627	ng		97
9) Benzaldehyde	6.758	77	193640	61.503	ng		96
10) Phenol	6.822	94	435171	80.640	ng		99
11) bis(2-Chloroethyl)ether	7.040	93	323281	79.290	ng		97
12) 1,3-Dichlorobenzene	7.487	146	403130	77.118	ng		98
13) 1,4-Dichlorobenzene	7.628	146	412739	77.327	ng		99
14) 1,2-Dichlorobenzene	7.940	146	395495	76.639	ng		98
15) Benzyl Alcohol	7.840	79	331439	82.815	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.116	45	333741	75.446	ng		99
17) 2-Methylphenol	8.046	107	296062	80.820	ng		97
18) Hexachloroethane	8.652	117	152081	77.020	ng		97
19) n-Nitroso-di-n-propyla...	8.399	70	281494	75.473	ng		99
20) 3+4-Methylphenols	8.375	107	413179	80.703	ng		99
22) Acetophenone	8.410	105	564379	77.517	ng	#	99
24) Nitrobenzene	8.781	77	462751	78.685	ng		99
25) Isophorone	9.305	82	775732	79.164	ng		98
26) 2-Nitrophenol	9.481	139	200396	82.977	ng		99
27) 2,4-Dimethylphenol	9.546	122	222207	80.578	ng		98
28) bis(2-Chloroethoxy)met...	9.775	93	435998	78.333	ng		100
29) 2,4-Dichlorophenol	10.022	162	396100	82.980	ng		97
30) 1,2,4-Trichlorobenzene	10.210	180	477543	78.254	ng		96
31) Naphthalene	10.404	128	1077532	78.622	ng		99
32) Benzoic acid	9.763	122	289543	87.475	ng		98
33) 4-Chloroaniline	10.522	127	372523	76.366	ng		98
34) Hexachlorobutadiene	10.675	225	346111	77.327	ng		98
35) Caprolactam	11.328	113	115401	80.757	ng		96
36) 4-Chloro-3-methylphenol	11.657	107	427648	80.724	ng		98
37) 2-Methylnaphthalene	12.010	142	809005	78.816	ng		99
38) 1-Methylnaphthalene	12.228	142	798713	78.399	ng		98
40) 1,2,4,5-Tetrachloroben...	12.387	216	586302	80.792	ng		100
41) Hexachlorocyclopentadiene	12.357	237	181313	88.965	ng		99
43) 2,4,6-Trichlorophenol	12.634	196	386983	83.847	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.716	196	439794	83.706	ng		98
46) 1,1'-Biphenyl	13.034	154	1143954	80.280	ng		99
47) 2-Chloronaphthalene	13.075	162	954822	80.743	ng		99
48) 2-Nitroaniline	13.293	65	288492	84.870	ng		97
49) Acenaphthylene	13.940	152	1351121	81.813	ng		98
50) Dimethylphthalate	13.675	163	1251423	79.737	ng		100
51) 2,6-Dinitrotoluene	13.798	165	294025	82.393	ng		98
52) Acenaphthene	14.287	154	860427	81.022	ng		99
53) 3-Nitroaniline	14.140	138	244643	84.378	ng		93
54) 2,4-Dinitrophenol	14.351	184	201078	90.802	ng		95
55) Dibenzofuran	14.622	168	1497956	80.321	ng		98
56) 4-Nitrophenol	14.481	139	220320	88.673	ng		95
57) 2,4-Dinitrotoluene	14.616	165	447859	86.812	ng	#	86
58) Fluorene	15.287	166	1262403	81.475	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.863	232	420526	82.990	ng		99
60) Diethylphthalate	15.057	149	1253441	80.301	ng		99
61) 4-Chlorophenyl-phenyle...	15.287	204	737290	80.737	ng		96
62) 4-Nitroaniline	15.328	138	259803	87.799	ng		94
63) Azobenzene	15.587	77	1072978	79.941	ng		98
65) 4,6-Dinitro-2-methylph...	15.381	198	293449	84.715	ng		97
66) n-Nitrosodiphenylamine	15.510	169	1055429	77.427	ng		100
67) 4-Bromophenyl-phenylether	16.192	248	514994	77.875	ng		97
68) Hexachlorobenzene	16.322	284	670578	79.166	ng		98
69) Atrazine	16.481	200	329299	71.670	ng		98
70) Pentachlorophenol	16.681	266	450094	83.204	ng		99
71) Phenanthrene	17.069	178	2096097	78.553	ng		99
72) Anthracene	17.157	178	2036703	79.533	ng		99
73) Carbazole	17.445	167	1937672	79.224	ng		99
74) Di-n-butylphthalate	18.033	149	2158997	79.206	ng		100
75) Fluoranthene	19.163	202	2902951	78.425	ng		99
77) Benzidine	19.357	184	1117466	91.133	ng		100
78) Pyrene	19.539	202	2964932	80.713	ng		100
80) Butylbenzylphthalate	20.486	149	1051926	83.985	ng		100
81) Benzo(a)anthracene	21.439	228	3047538	78.914	ng		99
82) 3,3'-Dichlorobenzidine	21.363	252	1279145	81.823	ng		99
83) Chrysene	21.498	228	2893178	79.981	ng		99
84) Bis(2-ethylhexyl)phtha...	21.363	149	1514462	84.254	ng		100
85) Di-n-octyl phthalate	22.592	149	2503681	83.349	ng		100
87) Indeno(1,2,3-cd)pyrene	28.339	276	4005149m	79.125	ng		
88) Benzo(b)fluoranthene	23.668	252	3537219	80.217	ng		98
89) Benzo(k)fluoranthene	23.739	252	3245252	77.941	ng		99
90) Benzo(a)pyrene	24.539	252	3067817	81.309	ng		98
91) Dibenzo(a,h)anthracene	28.415	278	3280035	79.038	ng		99
92) Benzo(g,h,i)perylene	29.509	276	3406072	80.073	ng		99

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

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