Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
Data File : BP019447.D
Acq On : 26 Jan 2024 13:09
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 26 23:32:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 26 23:25:28 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/29/2024
Supervised By :mohammad ahmed 01/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	88047	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	377724	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	270077	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	629491	20.000	ng	0.00
76) Chrysene-d12	21.410	240	601152	20.000	ng	0.00
86) Perylene-d12	23.845	264	605303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	436226	77.945	ng	0.00
7) Phenol-d6	7.093	99	660405	79.887	ng	0.00
23) Nitrobenzene-d5	9.099	82	686968	81.909	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	283668	81.105	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	1613986	79.207	ng	0.00
79) Terphenyl-d14	19.886	244	2962222	80.789	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	87135	39.466	ng	100
3) Pyridine	3.793	79	258870m	39.539	ng	
4) n-Nitrosodimethylamine	3.717	42	123220	40.614	ng	100
6) Aniline	7.258	93	336416	40.040	ng	100
8) 2-Chlorophenol	7.487	128	230853	39.261	ng	100
9) Benzaldehyde	7.075	77	186148	42.940	ng	100
10) Phenol	7.122	94	330555	39.970	ng	100
11) bis(2-Chloroethyl)ether	7.364	93	260063	39.738	ng	100
12) 1,3-Dichlorobenzene	7.811	146	271190	38.632	ng	100
13) 1,4-Dichlorobenzene	7.963	146	275385	38.842	ng	100
14) 1,2-Dichlorobenzene	8.275	146	269335	39.068	ng	100
15) Benzyl Alcohol	8.169	79	283526	40.164	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.469	45	360671	39.585	ng	100
17) 2-Methylphenol	8.369	107	227762	40.156	ng	100
18) Hexachloroethane	8.999	117	112458	39.638	ng	100
19) n-Nitroso-di-n-propyla...	8.746	70	257858	40.377	ng	100
20) 3+4-Methylphenols	8.705	107	314627	40.115	ng	100
22) Acetophenone	8.758	105	452287	39.617	ng	100
24) Nitrobenzene	9.140	77	356670	40.625	ng	100
25) Isophorone	9.663	82	719548	39.953	ng	100
26) 2-Nitrophenol	9.846	139	109845	38.987	ng	100
27) 2,4-Dimethylphenol	9.905	122	179586	39.884	ng	100
28) bis(2-Chloroethoxy)met...	10.157	93	385734	39.915	ng	100
29) 2,4-Dichlorophenol	10.375	162	251964	40.932	ng	100
30) 1,2,4-Trichlorobenzene	10.587	180	289896	39.658	ng	100
31) Naphthalene	10.781	128	834914	39.383	ng	100
32) Benzoic acid	10.052	122	153239	36.991	ng	100
33) 4-Chloroaniline	10.899	127	341585	39.853	ng	100
34) Hexachlorobutadiene	11.052	225	203198	39.623	ng	100
35) Caprolactam	11.681	113	96493	39.724	ng	100
36) 4-Chloro-3-methylphenol	12.016	107	332596	40.354	ng	100
37) 2-Methylnaphthalene	12.387	142	605363	39.557	ng	100
38) 1-Methylnaphthalene	12.604	142	601103	39.611	ng	100
40) 1,2,4,5-Tetrachloroben...	12.746	216	350786	39.863	ng	100
41) Hexachlorocyclopentadiene	12.722	237	150015	40.072	ng	100
43) 2,4,6-Trichlorophenol	12.993	196	222332	40.654	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	248126	40.521	ng	100
46) 1,1'-Biphenyl	13.398	154	814842	39.454	ng	100
47) 2-Chloronaphthalene	13.440	162	659965	39.580	ng	100
48) 2-Nitroaniline	13.646	65	212597	37.968	ng	100
49) Acenaphthylene	14.281	152	995151	39.335	ng	100
50) Dimethylphthalate	14.034	163	878091	39.332	ng	100
51) 2,6-Dinitrotoluene	14.151	165	185113	38.890	ng	100
52) Acenaphthene	14.622	154	618510	39.462	ng	100
53) 3-Nitroaniline	14.475	138	177436	41.786	ng	100
54) 2,4-Dinitrophenol	14.681	184	75178	39.319	ng	100
55) Dibenzofuran	14.963	168	1003458	39.220	ng	100
56) 4-Nitrophenol	14.775	139	147075	39.827	ng	100
57) 2,4-Dinitrotoluene	14.934	165	251173	38.487	ng	100
58) Fluorene	15.610	166	829939	39.008	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.181	232	223246	41.579	ng	100
60) Diethylphthalate	15.398	149	930816	39.044	ng	100
61) 4-Chlorophenyl-phenyle...	15.610	204	443992	39.106	ng	100
62) 4-Nitroaniline	15.640	138	195962	41.380	ng	100
63) Azobenzene	15.904	77	947837	39.457	ng	100
65) 4,6-Dinitro-2-methylph...	15.692	198	113634	36.978	ng	100
66) n-Nitrosodiphenylamine	15.828	169	720653	39.311	ng	100
67) 4-Bromophenyl-phenylether	16.510	248	279680	39.519	ng	100
68) Hexachlorobenzene	16.604	284	313582	38.920	ng	100
69) Atrazine	16.792	200	266532	38.738	ng	100
70) Pentachlorophenol	16.957	266	202086	41.012	ng	100
71) Phenanthrene	17.357	178	1310166	39.100	ng	100
72) Anthracene	17.451	178	1323255	39.408	ng	100
73) Carbazole	17.722	167	1269221	39.063	ng	100
74) Di-n-butylphthalate	18.292	149	1631571	39.396	ng	100
75) Fluoranthene	19.328	202	1685796	38.702	ng	100
77) Benzidine	19.516	184	421461	42.206	ng	100
78) Pyrene	19.680	202	1745617	40.166	ng	100
80) Butylbenzylphthalate	20.575	149	723345	40.949	ng	100
81) Benzo(a)anthracene	21.398	228	1691094	39.220	ng	100
82) 3,3'-Dichlorobenzidine	21.333	252	574030	39.332	ng	100
83) Chrysene	21.451	228	1593304	39.360	ng	100
84) Bis(2-ethylhexyl)phtha...	21.345	149	1083152	39.633	ng	100
85) Di-n-octyl phthalate	22.298	149	1810608	39.415	ng	100
87) Indeno(1,2,3-cd)pyrene	26.392	276	1446397	36.464	ng	100
88) Benzo(b)fluoranthene	23.104	252	1622260	40.046	ng	100
89) Benzo(k)fluoranthene	23.157	252	1548240	40.185	ng	100
90) Benzo(a)pyrene	23.739	252	1374748	39.692	ng	100
91) Dibenzo(a,h)anthracene	26.415	278	1197987	36.264	ng	100
92) Benzo(g,h,i)perylene	27.162	276	1140328	35.899	ng	100

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

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