Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022624\
Data File : BP019877.D
Acq On : 26 Feb 2024 14:06
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 27 01:32:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 01:30:38 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/27/2024
Supervised By :mohammad ahmed 02/28/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.899	152	104013	20.000	ng		0.00
21) Naphthalene-d8	10.705	136	384357	20.000	ng		0.00
39) Acenaphthene-d10	14.546	164	304351	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	697758	20.000	ng		0.00
76) Chrysene-d12	21.404	240	579124	20.000	ng		0.00
86) Perylene-d12	23.827	264	534353	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.470	112	62271	9.827	ng		0.00
7) Phenol-d6	7.075	99	88314	9.360	ng		0.00
23) Nitrobenzene-d5	9.075	82	87814	9.224	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	46797	8.967	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	224048	9.946	ng		0.00
79) Terphenyl-d14	19.875	244	404918	11.020	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.376	88	11867	5.750	ng		96
3) Pyridine	3.787	79	32634	5.167	ng		97
4) n-Nitrosodimethylamine	3.705	42	14205	5.142	ng	#	91
6) Aniline	7.234	93	54158	4.679	ng		96
8) 2-Chlorophenol	7.464	128	32518	4.759	ng		97
9) Benzaldehyde	7.052	77	27000	5.047	ng		94
10) Phenol	7.099	94	43705	4.646	ng		97
11) bis(2-Chloroethyl)ether	7.340	93	35739	4.823	ng		98
12) 1,3-Dichlorobenzene	7.787	146	37106	5.001	ng		99
13) 1,4-Dichlorobenzene	7.940	146	36920	4.914	ng		96
14) 1,2-Dichlorobenzene	8.252	146	34503	4.578	ng		97
15) Benzyl Alcohol	8.152	79	35358m	4.275	ng		
16) 2,2'-oxybis(1-Chloropr...	8.440	45	35299	4.468	ng		95
17) 2-Methylphenol	8.352	107	29382	4.176	ng		97
18) Hexachloroethane	8.969	117	12892	4.428	ng		98
19) n-Nitroso-di-n-propyla...	8.716	70	31281	4.389	ng		99
22) Acetophenone	8.740	105	51660	4.328	ng	#	97
24) Nitrobenzene	9.116	77	43026	4.668	ng		97
25) Isophorone	9.640	82	79695	4.809	ng		100
26) 2-Nitrophenol	9.828	139	16780	4.550	ng		93
27) 2,4-Dimethylphenol	9.887	122	28237	4.638	ng		95
28) bis(2-Chloroethoxy)met...	10.134	93	46224	4.998	ng		97
29) 2,4-Dichlorophenol	10.369	162	31162	4.589	ng		96
30) 1,2,4-Trichlorobenzene	10.569	180	36407	4.880	ng		98
31) Naphthalene	10.758	128	101148	4.915	ng		98
32) Benzoic acid	9.981	122	21184m	4.166	ng		
33) 4-Chloroaniline	10.881	127	43563	4.659	ng		99
34) Hexachlorobutadiene	11.022	225	26945	4.966	ng		94
35) Caprolactam	11.681	113	11288	4.522	ng		91
36) 4-Chloro-3-methylphenol	12.010	107	39026	4.658	ng		95
37) 2-Methylnaphthalene	12.369	142	78185	4.894	ng		95
38) 1-Methylnaphthalene	12.587	142	74699	4.942	ng		97
40) 1,2,4,5-Tetrachloroben...	12.728	216	49055	4.718	ng		97
41) Hexachlorocyclopentadiene	12.699	237	21007	3.902	ng		98
43) 2,4,6-Trichlorophenol	12.981	196	31235	4.550	ng		97
44) 2,4,5-Trichlorophenol	13.057	196	36350	4.445	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.381	154	106605	4.892	ng		98
47) 2-Chloronaphthalene	13.422	162	82264	4.864	ng		97
48) 2-Nitroaniline	13.640	65	26965	4.411	ng		97
49) Acenaphthylene	14.269	152	132032	4.818	ng		98
50) Dimethylphthalate	14.016	163	121833	4.904	ng		98
51) 2,6-Dinitrotoluene	14.140	165	24866	4.650	ng		95
52) Acenaphthene	14.610	154	81503	4.953	ng		99
53) 3-Nitroaniline	14.475	138	22562	4.263	ng		100
55) Dibenzofuran	14.946	168	137710	4.904	ng		97
56) 4-Nitrophenol	14.793	139	15652	3.780	ng		91
57) 2,4-Dinitrotoluene	14.934	165	33252	4.369	ng		93
58) Fluorene	15.598	166	112096	4.922	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.175	232	34959m	4.661	ng		
60) Diethylphthalate	15.381	149	120295	4.901	ng		98
61) 4-Chlorophenyl-phenyle...	15.598	204	65175	5.004	ng		96
62) 4-Nitroaniline	15.640	138	23496m	4.590	ng		
63) Azobenzene	15.893	77	114054	4.991	ng		97
65) 4,6-Dinitro-2-methylph...	15.698	198	17367	3.667	ng		96
66) n-Nitrosodiphenylamine	15.816	169	100083	4.999	ng		99
67) 4-Bromophenyl-phenylether	16.498	248	41767	4.841	ng		94
68) Hexachlorobenzene	16.598	284	44920	4.828	ng		95
69) Atrazine	16.781	200	38562	4.603	ng		94
70) Pentachlorophenol	16.957	266	28082	4.083	ng		96
71) Phenanthrene	17.351	178	182887	4.910	ng		100
72) Anthracene	17.445	178	183796	4.834	ng		99
73) Carbazole	17.722	167	155182	4.608	ng		98
74) Di-n-butylphthalate	18.275	149	196753	4.672	ng		100
75) Fluoranthene	19.322	202	221734	4.587	ng		99
77) Benzidine	19.516	184	69724	4.191	ng		98
78) Pyrene	19.675	202	222125	5.583	ng		97
80) Butylbenzylphthalate	20.563	149	79621	5.004	ng		98
81) Benzo(a)anthracene	21.392	228	202830	4.934	ng		100
82) 3,3'-Dichlorobenzidine	21.328	252	71126	4.511	ng	#	99
83) Chrysene	21.445	228	191695	4.977	ng		99
84) Bis(2-ethylhexyl)phtha...	21.328	149	107844	4.722	ng		96
85) Di-n-octyl phthalate	22.269	149	164671	4.332	ng		98
87) Indeno(1,2,3-cd)pyrene	26.368	276	171731	4.565	ng		99
88) Benzo(b)fluoranthene	23.086	252	163034	4.977	ng		98
89) Benzo(k)fluoranthene	23.139	252	158347	4.928	ng	#	96
90) Benzo(a)pyrene	23.722	252	149805	4.785	ng		99
91) Dibenzo(a,h)anthracene	26.392	278	144595	4.572	ng	#	96
92) Benzo(g,h,i)perylene	27.145	276	140558	4.604	ng		100

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

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