Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120424\
Data File : BP023330.D
Acq On : 04 Dec 2024 13:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 04 22:37:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP120424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 22:35:54 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/05/2024
Supervised By :mohammad ahmed 12/05/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.546	152	65970	20.000	ng		0.00
21) Naphthalene-d8	10.293	136	239760	20.000	ng		0.01
39) Acenaphthene-d10	14.157	164	178535	20.000	ng		0.00
64) Phenanthrene-d10	16.969	188	424320	20.000	ng	#	0.00
76) Chrysene-d12	21.398	240	492394	20.000	ng		-0.01
86) Perylene-d12	24.586	264	614453	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.205	112	32736	9.570	ng		0.02
7) Phenol-d6	6.758	99	47170	9.708	ng		0.01
23) Nitrobenzene-d5	8.693	82	55073	10.188	ng		0.00
42) 2,4,6-Tribromophenol	15.687	330	27288	8.893	ng		0.00
45) 2-Fluorobiphenyl	12.763	172	133427	10.659	ng		0.00
79) Terphenyl-d14	19.704	244	259468	9.711	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.134	88	9850	6.148	ng		96
3) Pyridine	3.558	79	19608m	4.976	ng		
4) n-Nitrosodimethylamine	3.464	42	11711	5.621	ng	#	89
6) Aniline	6.905	93	20031	5.279	ng		95
8) 2-Chlorophenol	7.128	128	18209	5.113	ng		89
9) Benzaldehyde	6.734	77	17258m	4.908	ng		
10) Phenol	6.781	94	23843	4.874	ng		84
11) bis(2-Chloroethyl)ether	6.993	93	20267	5.161	ng		96
12) 1,3-Dichlorobenzene	7.434	146	25087	5.385	ng		95
13) 1,4-Dichlorobenzene	7.575	146	26679	5.604	ng		97
14) 1,2-Dichlorobenzene	7.887	146	25197	5.488	ng		94
15) Benzyl Alcohol	7.822	79	18057m	4.765	ng		
16) 2,2'-oxybis(1-Chloropr...	8.063	45	26301	5.685	ng		95
17) 2-Methylphenol	8.005	107	16191	4.985	ng	#	91
18) Hexachloroethane	8.587	117	9860	5.429	ng		96
19) n-Nitroso-di-n-propyla...	8.334	70	17838	5.088	ng		98
20) 3+4-Methylphenols	8.346	107	20658	4.634	ng		89
22) Acetophenone	8.369	105	33060	5.133	ng	#	88
24) Nitrobenzene	8.746	77	28197	5.093	ng		95
25) Isophorone	9.252	82	45327	5.014	ng		95
26) 2-Nitrophenol	9.452	139	8512	4.185	ng		98
27) 2,4-Dimethylphenol	9.528	122	11682	4.960	ng		93
28) bis(2-Chloroethoxy)met...	9.728	93	25268	4.948	ng		95
29) 2,4-Dichlorophenol	10.016	162	18219	4.516	ng		86
30) 1,2,4-Trichlorobenzene	10.163	180	27361	5.143	ng		93
31) Naphthalene	10.346	128	64404	5.307	ng		99
33) 4-Chloroaniline	10.504	127	18155	4.792	ng		95
34) Hexachlorobutadiene	10.610	225	21384	5.358	ng		94
35) Caprolactam	11.281	113	4614m	3.898	ng		
36) 4-Chloro-3-methylphenol	11.628	107	18907	4.198	ng	#	91
37) 2-Methylnaphthalene	11.957	142	43533	4.917	ng		97
38) 1-Methylnaphthalene	12.169	142	43417	4.927	ng		98
40) 1,2,4,5-Tetrachloroben...	12.334	216	32475	5.271	ng		99
41) Hexachlorocyclopentadiene	12.293	237	5717	3.513	ng		98
43) 2,4,6-Trichlorophenol	12.598	196	16740	4.476	ng		98
44) 2,4,5-Trichlorophenol	12.704	196	18181	4.377	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	12.975	154	64029	5.316	ng		98
47) 2-Chloronaphthalene	13.022	162	52257	5.297	ng		99
48) 2-Nitroaniline	13.269	65	11942	4.067	ng		88
49) Acenaphthylene	13.881	152	69287	5.030	ng		99
50) Dimethylphthalate	13.610	163	65685	5.109	ng		99
51) 2,6-Dinitrotoluene	13.763	165	13544	4.696	ng		92
52) Acenaphthene	14.222	154	45788	5.134	ng		97
53) 3-Nitroaniline	14.134	138	9196	4.145	ng		97
55) Dibenzofuran	14.581	168	81954	5.245	ng		97
57) 2,4-Dinitrotoluene	14.581	165	17461	4.221	ng	#	51
58) Fluorene	15.239	166	63399	4.924	ng		96
59) 2,3,4,6-Tetrachlorophenol	14.828	232	18968	4.723	ng		95
60) Diethylphthalate	14.998	149	65717	5.046	ng		95
61) 4-Chlorophenyl-phenyle...	15.228	204	37866	4.978	ng		94
62) 4-Nitroaniline	15.328	138	8396m	3.746	ng		
63) Azobenzene	15.522	77	65196	5.232	ng		90
65) 4,6-Dinitro-2-methylph...	15.363	198	9550	3.813	ng		89
66) n-Nitrosodiphenylamine	15.451	169	54598	5.184	ng		97
67) 4-Bromophenyl-phenylether	16.128	248	25743	5.126	ng	#	92
68) Hexachlorobenzene	16.257	284	31734	5.168	ng	#	91
69) Atrazine	16.434	200	21069	5.633	ng		97
70) Pentachlorophenol	16.639	266	16341	4.356	ng		96
71) Phenanthrene	17.016	178	105652	5.171	ng		99
72) Anthracene	17.110	178	99255	5.067	ng		99
73) Carbazole	17.416	167	84737	4.674	ng		98
74) Di-n-butylphthalate	17.975	149	99761	4.688	ng	#	98
75) Fluoranthene	19.116	202	137289	4.880	ng		99
77) Benzidine	19.339	184	39872m	5.550	ng		
78) Pyrene	19.498	202	144109	4.783	ng		99
80) Butylbenzylphthalate	20.439	149	44561	4.367	ng		96
81) Benzo(a)anthracene	21.380	228	153525	4.993	ng		99
82) 3,3'-Dichlorobenzidine	21.316	252	52418	4.521	ng	#	95
83) Chrysene	21.445	228	153062	5.183	ng		100
84) Bis(2-ethylhexyl)phtha...	21.304	149	65493	4.341	ng		99
85) Di-n-octyl phthalate	22.516	149	119202	4.765	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.186	276	216575	5.190	ng	#	77
88) Benzo(b)fluoranthene	23.586	252	173740	4.766	ng		98
89) Benzo(k)fluoranthene	23.651	252	180148m	5.187	ng		
90) Benzo(a)pyrene	24.439	252	151167	4.850	ng		99
91) Dibenzo(a,h)anthracene	28.245	278	179166	5.243	ng		99
92) Benzo(g,h,i)perylene	29.333	276	182523m	5.266	ng		

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

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