Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052924\
Data File : BP020471.D
Acq On : 29 May 2024 11:26
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 30 02:34:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 02:29:32 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	313535	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	1341937	20.000	ng		0.00
39) Acenaphthene-d10	14.392	164	919357	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	1945558	20.000	ng		-0.01
76) Chrysene-d12	21.657	240	1771464	20.000	ng		-0.01
86) Perylene-d12	25.015	264	1610069	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	351450	20.070	ng		0.00
7) Phenol-d6	6.928	99	493816	19.996	ng		0.00
23) Nitrobenzene-d5	8.905	82	486864	19.860	ng		-0.02
42) 2,4,6-Tribromophenol	15.904	330	179151	18.777	ng		0.00
45) 2-Fluorobiphenyl	13.004	172	1280985	20.771	ng		0.00
79) Terphenyl-d14	19.933	244	2134175	20.056	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	72748	10.281	ng		100
3) Pyridine	3.722	79	198328	9.968	ng		97
4) n-Nitrosodimethylamine	3.634	42	97205	10.060	ng	#	99
6) Aniline	7.105	93	245820	9.823	ng		99
8) 2-Chlorophenol	7.334	128	195302	9.949	ng		99
9) Benzaldehyde	6.922	77	176072	11.115	ng		99
10) Phenol	6.958	94	250822	9.915	ng		98
11) bis(2-Chloroethyl)ether	7.199	93	214267	10.271	ng		99
12) 1,3-Dichlorobenzene	7.657	146	239261	10.345	ng		99
13) 1,4-Dichlorobenzene	7.799	146	240493	10.231	ng		99
14) 1,2-Dichlorobenzene	8.110	146	234752	10.348	ng		99
15) Benzyl Alcohol	8.005	79	176871	9.696	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.293	45	330664	10.617	ng		99
17) 2-Methylphenol	8.187	107	171089	9.967	ng		98
18) Hexachloroethane	8.834	117	86713	10.102	ng		99
19) n-Nitroso-di-n-propyla...	8.557	70	176531	10.471	ng		96
20) 3+4-Methylphenols	8.510	107	226082	9.683	ng		99
22) Acetophenone	8.575	105	343436	10.310	ng		98
24) Nitrobenzene	8.952	77	246661	9.914	ng		97
25) Isophorone	9.469	82	476389	10.002	ng		100
26) 2-Nitrophenol	9.652	139	65887	9.957	ng		97
27) 2,4-Dimethylphenol	9.710	122	143561	9.977	ng		97
28) bis(2-Chloroethoxy)met...	9.951	93	296246	10.119	ng		99
29) 2,4-Dichlorophenol	10.175	162	185373	9.602	ng		97
30) 1,2,4-Trichlorobenzene	10.399	180	231676	10.109	ng		97
31) Naphthalene	10.587	128	702903	10.246	ng		99
32) Benzoic acid	9.781	122	80396m	12.115	ng		
33) 4-Chloroaniline	10.687	127	266697	10.050	ng		99
34) Hexachlorobutadiene	10.869	225	147613	10.225	ng		99
35) Caprolactam	11.440	113	69765	9.861	ng		96
36) 4-Chloro-3-methylphenol	11.810	107	216230	9.567	ng		100
37) 2-Methylnaphthalene	12.198	142	495394	10.078	ng		99
38) 1-Methylnaphthalene	12.410	142	493346	10.124	ng		97
40) 1,2,4,5-Tetrachloroben...	12.563	216	263455	9.904	ng		99
41) Hexachlorocyclopentadiene	12.545	237	83171	8.897	ng		97
43) 2,4,6-Trichlorophenol	12.798	196	143027	8.895	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	172548	9.302	ng		99
46) 1,1'-Biphenyl	13.216	154	660423	10.179	ng		98
47) 2-Chloronaphthalene	13.257	162	521316	10.107	ng		100
48) 2-Nitroaniline	13.457	65	126098	9.022	ng		95
49) Acenaphthylene	14.110	152	767866	10.033	ng		100
50) Dimethylphthalate	13.845	163	657178	10.141	ng		99
51) 2,6-Dinitrotoluene	13.957	165	131065	9.462	ng		97
52) Acenaphthene	14.457	154	490819	10.167	ng		99
53) 3-Nitroaniline	14.287	138	133139	9.582	ng	#	99
54) 2,4-Dinitrophenol	14.498	184	28906	10.829	ng		95
55) Dibenzofuran	14.798	168	785421	10.270	ng		99
56) 4-Nitrophenol	14.587	139	96317	8.961	ng		98
57) 2,4-Dinitrotoluene	14.757	165	161209	8.856	ng		91
58) Fluorene	15.457	166	649601	10.581	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	144282	9.504	ng		98
60) Diethylphthalate	15.239	149	679920	10.321	ng		100
61) 4-Chlorophenyl-phenyle...	15.457	204	330588	10.435	ng		94
62) 4-Nitroaniline	15.469	138	137741	9.624	ng		97
63) Azobenzene	15.757	77	655284	10.653	ng		99
65) 4,6-Dinitro-2-methylph...	15.528	198	47921	12.323	ng		98
66) n-Nitrosodiphenylamine	15.675	169	558542	10.442	ng		99
67) 4-Bromophenyl-phenylether	16.375	248	200742	10.085	ng		100
68) Hexachlorobenzene	16.469	284	231748	9.893	ng		95
69) Atrazine	16.657	200	198082	10.526	ng		98
70) Pentachlorophenol	16.828	266	116920	8.218	ng		99
71) Phenanthrene	17.233	178	1008630	10.546	ng		98
72) Anthracene	17.333	178	986017	10.507	ng		99
73) Carbazole	17.616	167	959155	10.566	ng		99
74) Di-n-butylphthalate	18.222	149	1151362	10.474	ng		99
75) Fluoranthene	19.333	202	1215226	10.741	ng		99
77) Benzidine	19.527	184	354254	10.896	ng		99
78) Pyrene	19.710	202	1284788	9.642	ng		99
80) Butylbenzylphthalate	20.674	149	409337	9.673	ng		100
81) Benzo(a)anthracene	21.639	228	1186495	10.172	ng		99
82) 3,3'-Dichlorobenzidine	21.557	252	318854	9.196	ng		98
83) Chrysene	21.704	228	1112576	10.123	ng		99
84) Bis(2-ethylhexyl)phtha...	21.598	149	699961	9.230	ng		100
85) Di-n-octyl phthalate	22.910	149	890579	8.560	ng		98
87) Indeno(1,2,3-cd)pyrene	28.827	276	869079m	8.880	ng		
88) Benzo(b)fluoranthene	23.945	252	1022998	10.199	ng		99
89) Benzo(k)fluoranthene	24.015	252	980258	10.020	ng		99
90) Benzo(a)pyrene	24.857	252	807386	9.719	ng		100
91) Dibenzo(a,h)anthracene	28.933	278	731906	8.962	ng		100
92) Benzo(g,h,i)perylene	29.986	276	727403	8.911	ng		98

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

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