Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091624\
Data File : BP021929.D
Acq On : 16 Sep 2024 11:51
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 16 16:36:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 16 16:26:06 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.746	152	66123	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	245663	20.000	ng	#	0.00
39) Acenaphthene-d10	14.351	164	180530	20.000	ng		0.00
64) Phenanthrene-d10	17.145	188	441326	20.000	ng	#	0.00
76) Chrysene-d12	21.563	240	516228	20.000	ng	#	-0.01
86) Perylene-d12	24.874	264	605752	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	35094	9.578	ng		0.00
7) Phenol-d6	6.928	99	45059	10.035	ng		0.00
23) Nitrobenzene-d5	8.887	82	47302	10.564	ng		0.00
42) 2,4,6-Tribromophenol	15.857	330	25214	10.636	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	128983	10.888	ng		0.00
79) Terphenyl-d14	19.857	244	259315	9.922	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	7892	4.968	ng	#	92
3) Pyridine	3.699	79	18973	5.137	ng		95
4) n-Nitrosodimethylamine	3.605	42	11846	5.357	ng		82
6) Aniline	7.081	93	19880	4.899	ng	#	92
8) 2-Chlorophenol	7.322	128	19613	5.135	ng		97
9) Benzaldehyde	6.905	77	12690	5.302	ng		96
10) Phenol	6.952	94	22777	5.095	ng		85
11) bis(2-Chloroethyl)ether	7.175	93	17896	4.992	ng		95
12) 1,3-Dichlorobenzene	7.640	146	25134	5.291	ng		93
13) 1,4-Dichlorobenzene	7.781	146	25007	5.200	ng		96
14) 1,2-Dichlorobenzene	8.093	146	24108	5.239	ng		95
15) Benzyl Alcohol	7.981	79	16363	4.749	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.269	45	18791	4.735	ng		94
17) 2-Methylphenol	8.181	107	15192	4.867	ng		95
18) Hexachloroethane	8.816	117	8990	5.082	ng		97
19) n-Nitroso-di-n-propyla...	8.540	70	15155	5.021	ng		91
20) 3+4-Methylphenols	8.505	107	20254	4.628	ng		96
22) Acetophenone	8.557	105	30655	5.305	ng	#	97
24) Nitrobenzene	8.922	77	25054	5.406	ng		92
25) Isophorone	9.452	82	36989	5.168	ng		98
26) 2-Nitrophenol	9.634	139	8384	4.588	ng		97
27) 2,4-Dimethylphenol	9.693	122	11374	5.016	ng		89
28) bis(2-Chloroethoxy)met...	9.922	93	22919	4.834	ng		97
29) 2,4-Dichlorophenol	10.163	162	17909	4.617	ng		98
30) 1,2,4-Trichlorobenzene	10.375	180	25302	5.353	ng		98
31) Naphthalene	10.557	128	64266	5.231	ng		99
32) Benzoic acid	9.763	122	10514m	4.236	ng		
33) 4-Chloroaniline	10.663	127	21723	4.807	ng	#	91
34) Hexachlorobutadiene	10.846	225	18206	5.572	ng		99
35) Caprolactam	11.428	113	5115m	4.326	ng		
36) 4-Chloro-3-methylphenol	11.787	107	19629	4.658	ng		95
37) 2-Methylnaphthalene	12.169	142	46100m	5.161	ng		
38) 1-Methylnaphthalene	12.387	142	45703	5.162	ng		97
40) 1,2,4,5-Tetrachloroben...	12.534	216	28463	5.252	ng		98
41) Hexachlorocyclopentadiene	12.522	237	9257	4.904	ng		95
43) 2,4,6-Trichlorophenol	12.781	196	16378	4.729	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	19502	4.908	ng		96
46) 1,1'-Biphenyl	13.175	154	66286	5.387	ng		97
47) 2-Chloronaphthalene	13.216	162	52308	5.295	ng		98
48) 2-Nitroaniline	13.422	65	11439	4.215	ng		94
49) Acenaphthylene	14.075	152	71018	5.020	ng		97
50) Dimethylphthalate	13.810	163	69463	5.374	ng		99
51) 2,6-Dinitrotoluene	13.916	165	13490	4.739	ng	#	85
52) Acenaphthene	14.410	154	47589	5.165	ng		98
53) 3-Nitroaniline	14.251	138	11584	4.443	ng	#	95
54) 2,4-Dinitrophenol	14.463	184	5816	3.938	ng		91
55) Dibenzofuran	14.757	168	82063	5.576	ng		93
56) 4-Nitrophenol	14.569	139	9622	4.230	ng	#	81
57) 2,4-Dinitrotoluene	14.716	165	18670	4.854	ng	#	91
58) Fluorene	15.410	166	67458	5.597	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.981	232	17834	5.273	ng	#	93
60) Diethylphthalate	15.187	149	71605	5.610	ng		98
61) 4-Chlorophenyl-phenyle...	15.404	204	36998	5.726	ng		90
62) 4-Nitroaniline	15.422	138	13299	4.836	ng		93
63) Azobenzene	15.692	77	58418	5.243	ng		94
65) 4,6-Dinitro-2-methylph...	15.492	198	10453	4.477	ng		93
66) n-Nitrosodiphenylamine	15.622	169	57745	5.113	ng		97
67) 4-Bromophenyl-phenylether	16.310	248	22505	5.001	ng	#	87
68) Hexachlorobenzene	16.428	284	27817	5.191	ng	#	92
69) Atrazine	16.592	200	21933	5.303	ng		97
70) Pentachlorophenol	16.792	266	16447	4.559	ng		96
71) Phenanthrene	17.192	178	115445	5.324	ng		98
72) Anthracene	17.275	178	105660	5.071	ng		99
73) Carbazole	17.551	167	105837	5.126	ng		98
74) Di-n-butylphthalate	18.145	149	116102	4.817	ng	#	98
75) Fluoranthene	19.269	202	145447	5.137	ng		98
77) Benzidine	19.463	184	37637	5.010	ng		97
78) Pyrene	19.645	202	155728	4.720	ng		98
80) Butylbenzylphthalate	20.586	149	54275	4.352	ng		96
81) Benzo(a)anthracene	21.545	228	166609	5.010	ng		99
82) 3,3'-Dichlorobenzidine	21.469	252	52424	4.729	ng		99
83) Chrysene	21.610	228	166800	5.246	ng		97
84) Bis(2-ethylhexyl)phtha...	21.486	149	80256	4.413	ng		98
85) Di-n-octyl phthalate	22.751	149	125599	4.183	ng	#	99
87) Indeno(1,2,3-cd)pyrene	28.627	276	204103m	5.249	ng		
88) Benzo(b)fluoranthene	23.815	252	172389	4.981	ng		98
89) Benzo(k)fluoranthene	23.886	252	172284m	5.246	ng		
90) Benzo(a)pyrene	24.710	252	149573	4.860	ng		98
91) Dibenzo(a,h)anthracene	28.703	278	171063	5.313	ng		98
92) Benzo(g,h,i)perylene	29.768	276	171855	5.132	ng	#	95

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

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