Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091624\
Data File : BP021930.D
Acq On : 16 Sep 2024 12:32
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 16 16:38:09 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 :
SSTDICC010

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	81814	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	313044	20.000	ng	#	0.00
39) Acenaphthene-d10	14.345	164	241919	20.000	ng		0.00
64) Phenanthrene-d10	17.133	188	593482	20.000	ng	#	0.00
76) Chrysene-d12	21.574	240	639549	20.000	ng		0.00
86) Perylene-d12	24.880	264	763860	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	85142	18.781	ng		0.00
7) Phenol-d6	6.922	99	109983	19.796	ng		0.00
23) Nitrobenzene-d5	8.887	82	118551	20.778	ng		0.00
42) 2,4,6-Tribromophenol	15.851	330	69547	21.893	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	317622	20.008	ng		0.00
79) Terphenyl-d14	19.863	244	676965	20.908	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	18411	9.366	ng		97
3) Pyridine	3.699	79	47771	10.453	ng	#	95
4) n-Nitrosodimethylamine	3.605	42	29274	10.699	ng		81
6) Aniline	7.081	93	49063	9.772	ng		100
8) 2-Chlorophenol	7.322	128	47835	10.123	ng		96
9) Benzaldehyde	6.905	77	34101m	11.515	ng		
10) Phenol	6.952	94	54532	9.859	ng		92
11) bis(2-Chloroethyl)ether	7.175	93	43089	9.714	ng		96
12) 1,3-Dichlorobenzene	7.640	146	60155	10.234	ng		96
13) 1,4-Dichlorobenzene	7.781	146	61108	10.269	ng		96
14) 1,2-Dichlorobenzene	8.093	146	59463	10.443	ng		98
15) Benzyl Alcohol	7.981	79	41463	9.726	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.269	45	45184	9.202	ng		97
17) 2-Methylphenol	8.181	107	37415	9.687	ng		94
18) Hexachloroethane	8.816	117	22592	10.322	ng		95
19) n-Nitroso-di-n-propyla...	8.540	70	36645	9.812	ng		99
20) 3+4-Methylphenols	8.504	107	52245	9.649	ng		96
22) Acetophenone	8.557	105	78887	10.713	ng	#	97
24) Nitrobenzene	8.928	77	61096	10.345	ng		99
25) Isophorone	9.451	82	95456	10.465	ng		98
26) 2-Nitrophenol	9.634	139	22526	9.674	ng		96
27) 2,4-Dimethylphenol	9.693	122	29582	10.237	ng		96
28) bis(2-Chloroethoxy)met...	9.922	93	58303	9.651	ng		99
29) 2,4-Dichlorophenol	10.163	162	47353	9.580	ng		97
30) 1,2,4-Trichlorobenzene	10.375	180	60747	10.085	ng		93
31) Naphthalene	10.557	128	158319	10.112	ng		100
32) Benzoic acid	9.781	122	29503m	9.329	ng		
33) 4-Chloroaniline	10.663	127	57521	9.988	ng		98
34) Hexachlorobutadiene	10.846	225	44229	10.623	ng		99
35) Caprolactam	11.434	113	14048	9.323	ng	#	82
36) 4-Chloro-3-methylphenol	11.787	107	53050	9.878	ng		98
37) 2-Methylnaphthalene	12.163	142	116211	10.209	ng		97
38) 1-Methylnaphthalene	12.387	142	115340	10.224	ng		100
40) 1,2,4,5-Tetrachloroben...	12.534	216	69936	9.630	ng		98
41) Hexachlorocyclopentadiene	12.516	237	25468	10.069	ng		93
43) 2,4,6-Trichlorophenol	12.769	196	42396	9.135	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	50377	9.460	ng		94
46) 1,1'-Biphenyl	13.175	154	163670	9.927	ng		97
47) 2-Chloronaphthalene	13.216	162	131883	9.962	ng		96
48) 2-Nitroaniline	13.416	65	33391	9.181	ng		92
49) Acenaphthylene	14.063	152	186064	9.815	ng		99
50) Dimethylphthalate	13.798	163	175161	10.112	ng		99
51) 2,6-Dinitrotoluene	13.916	165	36557	9.584	ng	#	85
52) Acenaphthene	14.410	154	124294	10.066	ng		98
53) 3-Nitroaniline	14.251	138	32378	9.268	ng		97
54) 2,4-Dinitrophenol	14.457	184	17612	8.898	ng		97
55) Dibenzofuran	14.751	168	210398	10.668	ng		92
56) 4-Nitrophenol	14.569	139	27772	9.110	ng	#	79
57) 2,4-Dinitrotoluene	14.710	165	51489	9.989	ng	#	88
58) Fluorene	15.404	166	177759	11.006	ng		95
59) 2,3,4,6-Tetrachlorophenol	14.986	232	46951	10.359	ng	#	93
60) Diethylphthalate	15.175	149	187998	10.992	ng		99
61) 4-Chlorophenyl-phenyle...	15.404	204	97082	11.211	ng		95
62) 4-Nitroaniline	15.416	138	38693	10.500	ng	#	80
63) Azobenzene	15.704	77	163342	10.940	ng		95
65) 4,6-Dinitro-2-methylph...	15.481	198	28768	9.163	ng		89
66) n-Nitrosodiphenylamine	15.622	169	155921	10.267	ng		98
67) 4-Bromophenyl-phenylether	16.310	248	61342	10.136	ng	#	88
68) Hexachlorobenzene	16.433	284	73167	10.154	ng		93
69) Atrazine	16.586	200	59438	10.686	ng		97
70) Pentachlorophenol	16.786	266	45102	9.297	ng		95
71) Phenanthrene	17.180	178	292081	10.016	ng		100
72) Anthracene	17.275	178	282553	10.084	ng		99
73) Carbazole	17.551	167	278685	10.037	ng		98
74) Di-n-butylphthalate	18.151	149	317614	9.800	ng		98
75) Fluoranthene	19.269	202	383068	10.061	ng		99
77) Benzidine	19.463	184	120945	12.994	ng		98
78) Pyrene	19.645	202	405225	9.913	ng		99
80) Butylbenzylphthalate	20.592	149	145295	9.403	ng		99
81) Benzo(a)anthracene	21.557	228	413369	10.034	ng		99
82) 3,3'-Dichlorobenzidine	21.474	252	133051	9.688	ng		97
83) Chrysene	21.621	228	393764	9.997	ng		99
84) Bis(2-ethylhexyl)phtha...	21.498	149	214951	9.541	ng		99
85) Di-n-octyl phthalate	22.751	149	328275	8.825	ng		99
87) Indeno(1,2,3-cd)pyrene	28.633	276	492800	10.050	ng		98
88) Benzo(b)fluoranthene	23.833	252	430029	9.853	ng		99
89) Benzo(k)fluoranthene	23.898	252	421990	10.189	ng		99
90) Benzo(a)pyrene	24.727	252	371779	9.579	ng		97
91) Dibenzo(a,h)anthracene	28.703	278	412982	10.172	ng		98
92) Benzo(g,h,i)perylene	29.780	276	428325	10.143	ng		97

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

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