Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
Data File : BP021483.D
Acq On : 13 Aug 2024 13:59
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 13 23:50:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 23:44:24 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	385438	20.000	ng		0.00
21) Naphthalene-d8	10.599	136	1772285	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	1303990	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	2799153	20.000	ng		0.00
76) Chrysene-d12	21.710	240	2268651	20.000	ng		0.01
86) Perylene-d12	25.110	264	2172035	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	495524	19.090	ng		0.00
7) Phenol-d6	6.958	99	755554	19.953	ng		0.00
23) Nitrobenzene-d5	8.952	82	600158	17.479	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	266074	18.334	ng		0.00
45) 2-Fluorobiphenyl	13.057	172	1713239	20.051	ng		0.00
79) Terphenyl-d14	19.963	244	2713318	23.235	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	118289	9.611	ng		97
3) Pyridine	3.705	79	331408	9.645	ng		98
4) n-Nitrosodimethylamine	3.617	42	101144	9.794	ng	#	99
6) Aniline	7.128	93	392151	10.359	ng		99
8) 2-Chlorophenol	7.369	128	235350	9.811	ng		97
9) Benzaldehyde	6.946	77	278892	11.503	ng		99
10) Phenol	6.987	94	389958	9.945	ng		99
11) bis(2-Chloroethyl)ether	7.228	93	346942	10.456	ng		99
12) 1,3-Dichlorobenzene	7.699	146	285122	10.006	ng		98
13) 1,4-Dichlorobenzene	7.840	146	291753	10.140	ng		99
14) 1,2-Dichlorobenzene	8.158	146	284225	10.251	ng		99
15) Benzyl Alcohol	8.034	79	280251	10.315	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.334	45	330688m	10.822	ng		
17) 2-Methylphenol	8.228	107	252971	10.205	ng		98
18) Hexachloroethane	8.893	117	113709	9.855	ng		99
19) n-Nitroso-di-n-propyla...	8.599	70	299730	11.459	ng		99
20) 3+4-Methylphenols	8.558	107	350826	10.496	ng		98
22) Acetophenone	8.616	105	550125	10.104	ng	#	98
24) Nitrobenzene	8.993	77	341460	9.156	ng		96
25) Isophorone	9.516	82	859297	10.593	ng		99
26) 2-Nitrophenol	9.705	139	55468	10.066	ng		94
27) 2,4-Dimethylphenol	9.757	122	199430	9.962	ng		98
28) bis(2-Chloroethoxy)met...	10.005	93	508512	10.270	ng		99
29) 2,4-Dichlorophenol	10.240	162	220504	9.322	ng		98
30) 1,2,4-Trichlorobenzene	10.457	180	293816	9.689	ng		96
31) Naphthalene	10.646	128	922302	9.962	ng		99
32) Benzoic acid	9.828	122	72405	10.529	ng		89
33) 4-Chloroaniline	10.740	127	357126	10.269	ng		98
34) Hexachlorobutadiene	10.946	225	188389	9.867	ng		99
35) Caprolactam	11.481	113	101824	10.344	ng		98
36) 4-Chloro-3-methylphenol	11.863	107	332115	10.122	ng		98
37) 2-Methylnaphthalene	12.257	142	657592	10.407	ng		99
38) 1-Methylnaphthalene	12.475	142	651444	10.453	ng		99
40) 1,2,4,5-Tetrachloroben...	12.628	216	354329	9.274	ng		100
41) Hexachlorocyclopentadiene	12.622	237	99734	8.236	ng		96
43) 2,4,6-Trichlorophenol	12.863	196	185031	8.718	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.934	196	206114	8.741	ng		99
46) 1,1'-Biphenyl	13.275	154	912835	9.894	ng		99
47) 2-Chloronaphthalene	13.310	162	700953	9.759	ng		99
48) 2-Nitroaniline	13.504	65	117865	10.374	ng		97
49) Acenaphthylene	14.169	152	1049611	9.941	ng		100
50) Dimethylphthalate	13.893	163	889818	10.190	ng		100
51) 2,6-Dinitrotoluene	14.004	165	122236	10.348	ng		90
52) Acenaphthene	14.516	154	690129	9.961	ng		100
53) 3-Nitroaniline	14.328	138	120754	10.365	ng	#	95
54) 2,4-Dinitrophenol	14.540	184	29452	10.721	ng	#	52
55) Dibenzofuran	14.851	168	1067432	10.016	ng		100
56) 4-Nitrophenol	14.628	139	91997	11.027	ng		92
57) 2,4-Dinitrotoluene	14.804	165	139246	10.586	ng		94
58) Fluorene	15.522	166	912792	10.425	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.075	232	181235	9.055	ng		99
60) Diethylphthalate	15.292	149	909304	10.148	ng		98
61) 4-Chlorophenyl-phenyle...	15.516	204	471863	10.426	ng		98
62) 4-Nitroaniline	15.516	138	129100	9.743	ng		87
63) Azobenzene	15.810	77	1159642	10.529	ng		99
65) 4,6-Dinitro-2-methylph...	15.581	198	44079	11.022	ng		91
66) n-Nitrosodiphenylamine	15.722	169	757847	10.103	ng		100
67) 4-Bromophenyl-phenylether	16.422	248	293464	9.906	ng		98
68) Hexachlorobenzene	16.545	284	347933	9.938	ng		96
69) Atrazine	16.698	200	260277	10.106	ng		99
70) Pentachlorophenol	16.892	266	150520	7.877	ng		99
71) Phenanthrene	17.298	178	1348415	10.017	ng		99
72) Anthracene	17.392	178	1336422	10.123	ng		99
73) Carbazole	17.657	167	1267960	9.966	ng		99
74) Di-n-butylphthalate	18.275	149	1490471	9.539	ng		99
75) Fluoranthene	19.375	202	1613504	9.769	ng		100
77) Benzidine	19.569	184	336598	9.509	ng		99
78) Pyrene	19.751	202	1667213	11.243	ng		99
80) Butylbenzylphthalate	20.704	149	414136	10.409	ng		96
81) Benzo(a)anthracene	21.680	228	1415007	9.936	ng		100
82) 3,3'-Dichlorobenzidine	21.598	252	405660	8.884	ng		99
83) Chrysene	21.751	228	1338613	9.955	ng		99
84) Bis(2-ethylhexyl)phtha...	21.639	149	720802	8.563	ng		100
85) Di-n-octyl phthalate	22.951	149	951183	10.621	ng		99
87) Indeno(1,2,3-cd)pyrene	28.974	276	1255326	8.917	ng		98
88) Benzo(b)fluoranthene	24.021	252	1250809	10.027	ng		99
89) Benzo(k)fluoranthene	24.092	252	1195420	9.824	ng		99
90) Benzo(a)pyrene	24.927	252	1035462	9.565	ng		99
91) Dibenzo(a,h)anthracene	29.051	278	1047693	8.956	ng		99
92) Benzo(g,h,i)perylene	30.168	276	1037272	8.847	ng		99

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

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