Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103023\
Data File : BM042490.D
Acq On : 30 Oct 2023 12:16
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 30 16:37:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 16:30:31 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	80361	20.000	ng		0.00
21) Naphthalene-d8	10.751	136	329746	20.000	ng		0.00
39) Acenaphthene-d10	14.580	164	196000	20.000	ng		0.00
64) Phenanthrene-d10	17.327	188	426347	20.000	ng		0.00
76) Chrysene-d12	21.509	240	431648	20.000	ng		0.00
86) Perylene-d12	23.932	264	456987	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	92655	18.608	ng		0.00
7) Phenol-d6	7.098	99	124556	18.239	ng		0.00
23) Nitrobenzene-d5	9.128	82	126477	17.880	ng		0.00
42) 2,4,6-Tribromophenol	16.074	330	39731	15.526	ng		0.00
45) 2-Fluorobiphenyl	13.198	172	267084	18.336	ng		0.00
79) Terphenyl-d14	19.944	244	413381	16.239	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	23292	9.815	ng		97
3) Pyridine	3.763	79	63480	9.504	ng		94
4) n-Nitrosodimethylamine	3.675	42	29910	9.130	ng	#	98
6) Aniline	7.275	93	78625	9.058	ng		98
8) 2-Chlorophenol	7.486	128	48847	9.098	ng		98
9) Benzaldehyde	7.098	77	41895	10.645	ng		97
10) Phenol	7.122	94	63522	9.159	ng		99
11) bis(2-Chloroethyl)ether	7.369	93	56225	9.583	ng		96
12) 1,3-Dichlorobenzene	7.810	146	54741	9.434	ng		98
13) 1,4-Dichlorobenzene	7.963	146	54972	9.361	ng		99
14) 1,2-Dichlorobenzene	8.275	146	53961	9.517	ng		99
15) Benzyl Alcohol	8.198	79	40602m	8.398	ng		
16) 2,2'-oxybis(1-Chloropr...	8.463	45	88026m	9.389	ng		
17) 2-Methylphenol	8.386	107	43950	8.950	ng		96
18) Hexachloroethane	8.992	117	20677	8.998	ng		97
19) n-Nitroso-di-n-propyla...	8.751	70	44291	9.168	ng		99
20) 3+4-Methylphenols	8.716	107	56757	8.645	ng		97
22) Acetophenone	8.786	105	77354	9.301	ng	#	99
24) Nitrobenzene	9.175	77	62698	8.999	ng		99
25) Isophorone	9.692	82	109109	8.715	ng		99
26) 2-Nitrophenol	9.880	139	21820	10.342	ng		95
27) 2,4-Dimethylphenol	9.922	122	42525m	8.807	ng		
28) bis(2-Chloroethoxy)met...	10.175	93	67827	8.992	ng		99
29) 2,4-Dichlorophenol	10.398	162	40596	8.566	ng		98
30) 1,2,4-Trichlorobenzene	10.598	180	47830	9.209	ng		96
31) Naphthalene	10.798	128	157984	9.273	ng		99
32) Benzoic acid	10.022	122	25936m	10.199	ng		
33) 4-Chloroaniline	10.945	127	56605	8.521	ng		97
34) Hexachlorobutadiene	11.027	225	28218	8.949	ng		100
35) Caprolactam	11.792	113	12749	7.657	ng		91
36) 4-Chloro-3-methylphenol	12.051	107	46201	8.566	ng		93
37) 2-Methylnaphthalene	12.404	142	107816	8.986	ng		100
38) 1-Methylnaphthalene	12.627	142	102251	9.054	ng		99
40) 1,2,4,5-Tetrachloroben...	12.757	216	52944	9.042	ng		99
41) Hexachlorocyclopentadiene	12.698	237	22061	10.662	ng		99
43) 2,4,6-Trichlorophenol	13.016	196	32276	8.606	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.092	196	38557	8.639	ng		95
46) 1,1'-Biphenyl	13.416	154	137240	9.160	ng		98
47) 2-Chloronaphthalene	13.463	162	102645	9.339	ng		100
48) 2-Nitroaniline	13.710	65	29052	10.310	ng		95
49) Acenaphthylene	14.310	152	161788	8.888	ng		99
50) Dimethylphthalate	14.045	163	132752	9.062	ng		99
51) 2,6-Dinitrotoluene	14.192	165	25658	8.498	ng		98
52) Acenaphthene	14.645	154	99870	9.040	ng		98
53) 3-Nitroaniline	14.539	138	21133	10.028	ng		97
54) 2,4-Dinitrophenol	14.739	184	9895	11.919	ng		95
55) Dibenzofuran	14.980	168	162768	9.062	ng		99
56) 4-Nitrophenol	14.839	139	13926	11.588	ng		88
57) 2,4-Dinitrotoluene	14.974	165	31430	10.273	ng	#	91
58) Fluorene	15.627	166	130885	9.006	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	32767	8.717	ng		99
60) Diethylphthalate	15.392	149	130056	8.763	ng		99
61) 4-Chlorophenyl-phenyle...	15.615	204	63823	8.693	ng		99
62) 4-Nitroaniline	15.704	138	15099	10.135	ng		92
63) Azobenzene	15.909	77	141298	8.640	ng		98
65) 4,6-Dinitro-2-methylph...	15.721	198	16646	11.170	ng		97
66) n-Nitrosodiphenylamine	15.845	169	107592	8.950	ng		98
67) 4-Bromophenyl-phenylether	16.515	248	37119	8.707	ng		98
68) Hexachlorobenzene	16.592	284	42050	8.916	ng		96
69) Atrazine	16.792	200	32878	9.465	ng		98
70) Pentachlorophenol	16.962	266	27091	7.813	ng		99
71) Phenanthrene	17.374	178	200896	9.017	ng		99
72) Anthracene	17.462	178	190290	8.623	ng		100
73) Carbazole	17.756	167	155260	8.648	ng		98
74) Di-n-butylphthalate	18.274	149	213120	8.453	ng		99
75) Fluoranthene	19.386	202	227558	8.695	ng		99
77) Benzidine	19.609	184	44183m	10.684	ng		
78) Pyrene	19.750	202	248032	8.368	ng		100
80) Butylbenzylphthalate	20.633	149	101874	8.047	ng		99
81) Benzo(a)anthracene	21.491	228	239761	8.730	ng		100
82) 3,3'-Dichlorobenzidine	21.439	252	78039	8.941	ng		99
83) Chrysene	21.544	228	259962	9.318	ng		99
84) Bis(2-ethylhexyl)phtha...	21.380	149	170793	8.927	ng		100
85) Di-n-octyl phthalate	22.309	149	302558	9.188	ng		100
87) Indeno(1,2,3-cd)pyrene	26.462	276	218574	8.036	ng		98
88) Benzo(b)fluoranthene	23.185	252	221848	8.714	ng		98
89) Benzo(k)fluoranthene	23.233	252	249711	8.802	ng		99
90) Benzo(a)pyrene	23.821	252	223337	8.910	ng		97
91) Dibenzo(a,h)anthracene	26.479	278	172534	10.417	ng		100
92) Benzo(g,h,i)perylene	27.250	276	208368	8.692	ng		97

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

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