Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041260.D
Acq On : 03 Aug 2023 13:48
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 04 01:18:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 19:20:51 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

Supervised By :mohammad ahmed
08/04/2023

08/04/2023
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08/04/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.792	152	142836	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	549113	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	330318	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	695631	20.000	ng		0.00
76) Chrysene-d12	21.427	240	616489	20.000	ng		0.00
86) Perylene-d12	23.797	264	693546	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	683732	71.543	ng		0.00
7) Phenol-d6	6.981	99	898912	72.563	ng		0.00
23) Nitrobenzene-d5	8.975	82	874760	74.084	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	390922	83.670	ng		0.00
45) 2-Fluorobiphenyl	13.080	172	1917786	73.343	ng		0.00
79) Terphenyl-d14	19.862	244	2790675	81.846	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	132862	32.498	ng		98
3) Pyridine	3.663	79	378300	35.192	ng		97
4) n-Nitrosodimethylamine	3.581	42	159680	32.118	ng		91
6) Aniline	7.128	93	546011	37.662	ng		99
8) 2-Chlorophenol	7.357	128	354102	37.954	ng		99
9) Benzaldehyde	6.940	77	230467m	35.258	ng		
10) Phenol	7.004	94	438656	36.662	ng		99
11) bis(2-Chloroethyl)ether	7.228	93	356671	36.827	ng		97
12) 1,3-Dichlorobenzene	7.681	146	384324	37.843	ng		97
13) 1,4-Dichlorobenzene	7.828	146	389916	38.198	ng		98
14) 1,2-Dichlorobenzene	8.145	146	375449	38.360	ng		98
15) Benzyl Alcohol	8.051	79	329583	42.129	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.334	45	444221m	34.424	ng		
17) 2-Methylphenol	8.257	107	319449	39.080	ng		100
18) Hexachloroethane	8.863	117	149552	39.353	ng		92
19) n-Nitroso-di-n-propyla...	8.616	70	301753	40.103	ng		95
20) 3+4-Methylphenols	8.587	107	432381	39.561	ng		99
22) Acetophenone	8.634	105	545491	37.509	ng	#	99
24) Nitrobenzene	9.016	77	441656	36.987	ng		99
25) Isophorone	9.539	82	804567	40.140	ng		99
26) 2-Nitrophenol	9.722	139	201281	43.120	ng		94
27) 2,4-Dimethylphenol	9.792	122	323603	39.396	ng		99
28) bis(2-Chloroethoxy)met...	10.022	93	476662	37.965	ng		99
29) 2,4-Dichlorophenol	10.257	162	338832	40.904	ng		99
30) 1,2,4-Trichlorobenzene	10.463	180	368807	40.298	ng		99
31) Naphthalene	10.651	128	1110568	37.270	ng		99
32) Benzoic acid	9.957	122	262521	43.365	ng		96
33) 4-Chloroaniline	10.781	127	477126	40.067	ng		99
34) Hexachlorobutadiene	10.922	225	236990	43.056	ng		98
35) Caprolactam	11.598	113	104185	43.478	ng	#	86
36) 4-Chloro-3-methylphenol	11.922	107	354650	40.677	ng		96
37) 2-Methylnaphthalene	12.275	142	793955	39.521	ng		100
38) 1-Methylnaphthalene	12.492	142	739797	39.346	ng		99
40) 1,2,4,5-Tetrachloroben...	12.639	216	416650	38.846	ng		98
41) Hexachlorocyclopentadiene	12.604	237	214420	37.787	ng		98
43) 2,4,6-Trichlorophenol	12.892	196	279975	40.726	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	324170	40.741	ng		98
46) 1,1'-Biphenyl	13.292	154	975863	36.442	ng		99
47) 2-Chloronaphthalene	13.333	162	750164	37.518	ng		98
48) 2-Nitroaniline	13.557	65	249787	39.137	ng		98
49) Acenaphthylene	14.186	152	1216060	37.680	ng		100
50) Dimethylphthalate	13.933	163	966861	38.913	ng		99
51) 2,6-Dinitrotoluene	14.063	165	210958	40.976	ng		92
52) Acenaphthene	14.527	154	718310	36.946	ng		100
53) 3-Nitroaniline	14.392	138	219663	37.469	ng		95
54) 2,4-Dinitrophenol	14.610	184	132019	41.038	ng	#	88
55) Dibenzofuran	14.863	168	1178499	37.152	ng		100
56) 4-Nitrophenol	14.716	139	165803	38.642	ng		96
57) 2,4-Dinitrotoluene	14.851	165	286803	39.510	ng		93
58) Fluorene	15.516	166	934194	37.332	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	263696	40.926	ng		96
60) Diethylphthalate	15.292	149	969272	40.339	ng		99
61) 4-Chlorophenyl-phenyle...	15.510	204	498525	39.755	ng		97
62) 4-Nitroaniline	15.563	138	206495	38.504	ng		97
63) Azobenzene	15.804	77	973133	36.973	ng		97
65) 4,6-Dinitro-2-methylph...	15.621	198	175510	41.648	ng		88
66) n-Nitrosodiphenylamine	15.733	169	801250	37.035	ng		99
67) 4-Bromophenyl-phenylether	16.410	248	306349	40.166	ng		100
68) Hexachlorobenzene	16.521	284	331730	39.115	ng		97
69) Atrazine	16.692	200	249097	43.843	ng		99
70) Pentachlorophenol	16.874	266	243478	41.459	ng		99
71) Phenanthrene	17.262	178	1408796	36.450	ng		99
72) Anthracene	17.357	178	1451519	37.973	ng		100
73) Carbazole	17.639	167	1305647	37.738	ng		99
74) Di-n-butylphthalate	18.192	149	1707105	43.665	ng		100
75) Fluoranthene	19.292	202	1667200	38.395	ng		99
77) Benzidine	19.492	184	388048	46.181	ng		100
78) Pyrene	19.656	202	1722712	39.959	ng		99
80) Butylbenzylphthalate	20.556	149	766739	48.701	ng		98
81) Benzo(a)anthracene	21.415	228	1640320	39.249	ng		99
82) 3,3'-Dichlorobenzidine	21.350	252	569467	41.757	ng		99
83) Chrysene	21.468	228	1556105	38.495	ng		99
84) Bis(2-ethylhexyl)phtha...	21.333	149	1129097	45.311	ng		98
85) Di-n-octyl phthalate	22.250	149	1883258	47.330	ng		96
87) Indeno(1,2,3-cd)pyrene	26.256	276	1891977	37.105	ng		96
88) Benzo(b)fluoranthene	23.080	252	1540259	37.384	ng		99
89) Benzo(k)fluoranthene	23.133	252	1589274	37.710	ng		99
90) Benzo(a)pyrene	23.697	252	1517952	38.343	ng		98
91) Dibenzo(a,h)anthracene	26.268	278	1600032	37.621	ng		98
92) Benzo(g,h,i)perylene	27.009	276	1518214	36.482	ng		97

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

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