Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072823\
Data File : BM041164.D
Acq On : 28 Jul 2023 14:00
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 29 00:11:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 23:54:24 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	187814	20.000	ng		0.00
21) Naphthalene-d8	10.616	136	673077	20.000	ng		0.00
39) Acenaphthene-d10	14.468	164	378426	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	785556	20.000	ng		0.00
76) Chrysene-d12	21.433	240	761496	20.000	ng		0.00
86) Perylene-d12	23.803	264	833196	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1518639	120.850	ng		0.00
7) Phenol-d6	6.987	99	1972769	121.111	ng		0.00
23) Nitrobenzene-d5	8.986	82	1807326	124.873	ng		0.00
42) 2,4,6-Tribromophenol	15.974	330	710741	132.783	ng		0.00
45) 2-Fluorobiphenyl	13.092	172	3664099	122.314	ng		0.00
79) Terphenyl-d14	19.868	244	5423241	128.766	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.269	88	316628	58.900	ng		99
3) Pyridine	3.675	79	866321m	61.483	ng		
4) n-Nitrosodimethylamine	3.593	42	391700	59.918	ng		91
6) Aniline	7.145	93	1144115	60.018	ng		100
8) 2-Chlorophenol	7.369	128	727713	59.319	ng		98
9) Benzaldehyde	6.957	77	453933m	52.757	ng		
10) Phenol	7.010	94	950972	60.447	ng		99
11) bis(2-Chloroethyl)ether	7.245	93	763852	59.981	ng		97
12) 1,3-Dichlorobenzene	7.692	146	789635	59.132	ng		99
13) 1,4-Dichlorobenzene	7.839	146	793823	59.143	ng		100
14) 1,2-Dichlorobenzene	8.157	146	755957	58.741	ng		99
15) Benzyl Alcohol	8.063	79	647892	62.984	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.345	45	997509	58.789	ng		99
17) 2-Methylphenol	8.263	107	650882	60.557	ng		100
18) Hexachloroethane	8.875	117	300258	60.088	ng		97
19) n-Nitroso-di-n-propyla...	8.628	70	617439	62.407	ng		99
20) 3+4-Methylphenols	8.598	107	885041	61.585	ng		96
22) Acetophenone	8.645	105	1105421	62.012	ng	#	99
24) Nitrobenzene	9.028	77	903582	61.734	ng		99
25) Isophorone	9.551	82	1590023	64.717	ng		99
26) 2-Nitrophenol	9.733	139	380220	66.451	ng		98
27) 2,4-Dimethylphenol	9.798	122	622420	61.819	ng		99
28) bis(2-Chloroethoxy)met...	10.039	93	956569	62.156	ng		100
29) 2,4-Dichlorophenol	10.269	162	651087	64.124	ng		99
30) 1,2,4-Trichlorobenzene	10.475	180	691887	61.676	ng		100
31) Naphthalene	10.663	128	2221255	60.815	ng		99
32) Benzoic acid	9.975	122	490889	62.394	ng		99
33) 4-Chloroaniline	10.792	127	939339	64.353	ng		99
34) Hexachlorobutadiene	10.933	225	414181	61.388	ng		99
35) Caprolactam	11.610	113	202245	68.856	ng		99
36) 4-Chloro-3-methylphenol	11.922	107	694542	64.990	ng		98
37) 2-Methylnaphthalene	12.280	142	1542955	62.660	ng		100
38) 1-Methylnaphthalene	12.504	142	1439375	62.454	ng		100
40) 1,2,4,5-Tetrachloroben...	12.651	216	748862	60.943	ng		99
41) Hexachlorocyclopentadiene	12.621	237	411101	63.238	ng		99
43) 2,4,6-Trichlorophenol	12.898	196	504296	64.031	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	583057	63.962	ng	99
46) 1,1'-Biphenyl	13.304	154	1871618	61.007	ng	99
47) 2-Chloronaphthalene	13.345	162	1391104	60.729	ng	99
48) 2-Nitroaniline	13.568	65	497827	68.085	ng	98
49) Acenaphthylene	14.192	152	2313105	62.561	ng	100
50) Dimethylphthalate	13.945	163	1803136	63.344	ng	99
51) 2,6-Dinitrotoluene	14.068	165	387839	65.756	ng	98
52) Acenaphthene	14.539	154	1374233	61.698	ng	99
53) 3-Nitroaniline	14.398	138	428364	61.970	ng	100
54) 2,4-Dinitrophenol	14.610	184	241923	62.144	ng	95
55) Dibenzofuran	14.874	168	2240509	61.653	ng	99
56) 4-Nitrophenol	14.710	139	337118	68.581	ng	98
57) 2,4-Dinitrotoluene	14.863	165	534151	62.559	ng	96
58) Fluorene	15.527	166	1805170	62.966	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	474433	64.272	ng	100
60) Diethylphthalate	15.304	149	1791132	65.066	ng	100
61) 4-Chlorophenyl-phenyle...	15.521	204	928415	64.625	ng	98
62) 4-Nitroaniline	15.568	138	400476	62.308	ng	99
63) Azobenzene	15.815	77	1955178	64.840	ng	99
65) 4,6-Dinitro-2-methylph...	15.621	198	321176	67.490	ng	97
66) n-Nitrosodiphenylamine	15.745	169	1514857	62.004	ng	100
67) 4-Bromophenyl-phenylether	16.415	248	544187	63.182	ng	96
68) Hexachlorobenzene	16.527	284	597328	62.369	ng	98
69) Atrazine	16.704	200	384152	59.874	ng	99
70) Pentachlorophenol	16.880	266	448058	67.561	ng	98
71) Phenanthrene	17.274	178	2699325	61.846	ng	100
72) Anthracene	17.362	178	2753374	63.785	ng	100
73) Carbazole	17.645	167	2499301	63.970	ng	100
74) Di-n-butylphthalate	18.203	149	3057189	69.246	ng	99
75) Fluoranthene	19.298	202	3176350	64.777	ng	100
77) Benzidine	19.498	184	652164	62.547	ng	99
78) Pyrene	19.662	202	3331239	62.556	ng	99
80) Butylbenzylphthalate	20.568	149	1354634	69.658	ng	100
81) Benzo(a)anthracene	21.415	228	3245110	62.861	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	1115253	66.206	ng	100
83) Chrysene	21.474	228	3119175	62.468	ng	100
84) Bis(2-ethylhexyl)phtha...	21.344	149	1993079	63.662	ng	97
85) Di-n-octyl phthalate	22.262	149	3370194	68.571	ng	99
87) Indeno(1,2,3-cd)pyrene	26.268	276	3896206	63.604	ng	99
88) Benzo(b)fluoranthene	23.086	252	3169876	64.042	ng	99
89) Benzo(k)fluoranthene	23.133	252	3180548	62.818	ng	99
90) Benzo(a)pyrene	23.703	252	3036973	63.856	ng	99
91) Dibenzo(a,h)anthracene	26.274	278	3278538	64.167	ng	99
92) Benzo(g,h,i)perylene	27.015	276	3116058	62.328	ng	100

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

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