Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
Data File : BM042463.D
Acq On : 26 Oct 2023 21:38
Operator : MA/JU
Sample : 05010-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 27 00:46:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 21 02:32:53 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
343MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
10/27/2023
Supervised By :mohammad ahmed
10/27/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.992	152	202900	20.000	ng		0.00
21) Naphthalene-d8	10.816	136	818579	20.000	ng		0.00
39) Acenaphthene-d10	14.639	164	463243	20.000	ng		0.00
64) Phenanthrene-d10	17.392	188	888738	20.000	ng	#	0.00
76) Chrysene-d12	21.568	240	558625	20.000	ng		-0.01
86) Perylene-d12	24.033	264	592534	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1760330	122.617	ng		0.00
7) Phenol-d6	7.157	99	2152829	111.898	ng		0.00
23) Nitrobenzene-d5	9.198	82	1699297	91.796	ng		0.00
42) 2,4,6-Tribromophenol	16.133	330	867387	166.735	ng		0.00
45) 2-Fluorobiphenyl	13.263	172	3360696	97.693	ng		0.00
79) Terphenyl-d14	20.003	244	4099222	130.140	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	226756	33.543	ng	#	53
3) Pyridine	3.828	79	534178	26.933	ng		95
4) n-Nitrosodimethylamine	3.746	42	363223	36.272	ng		92
6) Aniline	7.340	93	523906	21.388	ng		98
8) 2-Chlorophenol	7.551	128	710845	49.900	ng		96
9) Benzaldehyde	7.151	77	156762	13.989	ng		99
10) Phenol	7.181	94	806344	40.561	ng		99
11) bis(2-Chloroethyl)ether	7.434	93	718240	44.005	ng		96
12) 1,3-Dichlorobenzene	7.875	146	692211	46.979	ng		97
13) 1,4-Dichlorobenzene	8.034	146	717719	48.390	ng		97
14) 1,2-Dichlorobenzene	8.345	146	695752	48.853	ng		97
15) Benzyl Alcohol	8.257	79	699720	49.062	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.522	45	1144197	44.304	ng		99
17) 2-Methylphenol	8.439	107	597456	45.543	ng		99
18) Hexachloroethane	9.057	117	271323	47.518	ng	#	90
19) n-Nitroso-di-n-propyla...	8.816	70	612178	46.947	ng		97
20) 3+4-Methylphenols	8.775	107	802431	45.604	ng		97
22) Acetophenone	8.845	105	1092474	48.919	ng	#	97
24) Nitrobenzene	9.239	77	869390	46.943	ng		96
25) Isophorone	9.751	82	1625509	51.670	ng		98
26) 2-Nitrophenol	9.939	139	392574	54.676	ng		94
27) 2,4-Dimethylphenol	9.981	122	615360	48.223	ng		97
28) bis(2-Chloroethoxy)met...	10.233	93	980143	49.176	ng		99
29) 2,4-Dichlorophenol	10.457	162	680352	61.309	ng		95
30) 1,2,4-Trichlorobenzene	10.669	180	693287	58.276	ng		98
31) Naphthalene	10.869	128	2119807	50.417	ng		100
32) Benzoic acid	10.104	122	221395	26.414	ng		96
33) 4-Chloroaniline	11.004	127	148123	8.114	ng		98
34) Hexachlorobutadiene	11.092	225	414713	64.421	ng		99
35) Caprolactam	11.845	113	176568	41.061	ng		93
36) 4-Chloro-3-methylphenol	12.104	107	725728	54.193	ng		98
37) 2-Methylnaphthalene	12.469	142	1434579	50.685	ng		99
38) 1-Methylnaphthalene	12.692	142	1388799	52.377	ng		99
40) 1,2,4,5-Tetrachloroben...	12.822	216	788782	58.899	ng	#	97
41) Hexachlorocyclopentadiene	12.763	237	613959	84.292	ng		99
43) 2,4,6-Trichlorophenol	13.074	196	532603	61.435	ng		99

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44) 2,4,5-Trichlorophenol	13.145	196	568028	55.427	ng	#	93
46) 1,1'-Biphenyl	13.474	154	1878706	51.122	ng		98
47) 2-Chloronaphthalene	13.527	162	1416009	52.520	ng		98
48) 2-Nitroaniline	13.763	65	517222	43.768	ng		89
49) Acenaphthylene	14.368	152	2316045	53.209	ng		100
50) Dimethylphthalate	14.110	163	1791337	52.719	ng		99
51) 2,6-Dinitrotoluene	14.251	165	386019	50.175	ng		84
52) Acenaphthene	14.704	154	1328126	50.470	ng		99
53) 3-Nitroaniline	14.586	138	224952	26.310	ng		96
54) 2,4-Dinitrophenol	14.792	184	248261	55.073	ng		91
55) Dibenzofuran	15.039	168	2117369	50.872	ng		96
56) 4-Nitrophenol	14.880	139	606001	87.567	ng		92
57) 2,4-Dinitrotoluene	15.033	165	507660	49.348	ng		84
58) Fluorene	15.686	166	1678512	51.106	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.257	232	480026	62.350	ng		88
60) Diethylphthalate	15.451	149	1729495	51.578	ng		97
61) 4-Chlorophenyl-phenyle...	15.674	204	876233	56.650	ng		93
62) 4-Nitroaniline	15.757	138	347793	40.487	ng		93
63) Azobenzene	15.968	77	1835290	45.620	ng		96
65) 4,6-Dinitro-2-methylph...	15.780	198	200820	36.976	ng		84
66) n-Nitrosodiphenylamine	15.904	169	1451604	54.228	ng		97
67) 4-Bromophenyl-phenylether	16.574	248	525503	63.798	ng		93
68) Hexachlorobenzene	16.657	284	593351	67.391	ng	#	91
69) Atrazine	16.851	200	521153	76.772	ng		98
70) Pentachlorophenol	17.021	266	748856	100.245	ng		98
71) Phenanthrene	17.433	178	2494053	51.586	ng		100
72) Anthracene	17.527	178	2501611	52.245	ng		99
73) Carbazole	17.809	167	2217421	49.364	ng		99
74) Di-n-butylphthalate	18.327	149	2884776	50.556	ng		99
75) Fluoranthene	19.445	202	2592877	48.695	ng		97
77) Benzidine	19.651	184	829410	102.649	ng		99
78) Pyrene	19.809	202	2602824	66.677	ng		100
80) Butylbenzylphthalate	20.686	149	1092279	60.796	ng		92
81) Benzo(a)anthracene	21.550	228	2047840	54.683	ng		99
82) 3,3'-Dichlorobenzidine	21.492	252	523344	46.814	ng		98
83) Chrysene	21.609	228	1837694	51.092	ng		99
84) Bis(2-ethylhexyl)phtha...	21.433	149	1518555	59.499	ng	#	95
85) Di-n-octyl phthalate	22.374	149	2333387	53.308	ng		95
87) Indeno(1,2,3-cd)pyrene	26.621	276	2234692	51.607	ng	#	93
88) Benzo(b)fluoranthene	23.274	252	1911623m	53.598	ng		
89) Benzo(k)fluoranthene	23.321	252	1752422	47.325	ng	#	97
90) Benzo(a)pyrene	23.921	252	1665709	48.522	ng		97
91) Dibenzo(a,h)anthracene	26.638	278	1852435	51.453	ng		96
92) Benzo(g,h,i)perylene	27.432	276	1786596	51.098	ng		93

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

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