Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080822\
Data File : BM036155.D
Acq On : 08 Aug 2022 21:49
Operator : CG/JU
Sample : N3963-11MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 08 23:41:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 08 23:36:56 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
RVE-216MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.845	152	274336	20.000	ng		0.00
21) Naphthalene-d8	10.651	136	1054753	20.000	ng		0.00
39) Acenaphthene-d10	14.486	164	558431	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	1011997	20.000	ng		0.00
76) Chrysene-d12	21.409	240	1036810	20.000	ng		-0.01
86) Perylene-d12	23.768	264	1190878	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	2115270	125.007	ng		0.00
7) Phenol-d6	7.057	99	2548291	118.355	ng		0.00
23) Nitrobenzene-d5	9.016	82	1541190	81.793	ng		0.00
42) 2,4,6-Tribromophenol	15.980	330	778756	118.873	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	3124190	82.603	ng		0.00
79) Terphenyl-d14	19.856	244	3945069	75.052	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	305461	44.799	ng	#	91
3) Pyridine	3.687	79	823795	45.055	ng		89
4) n-Nitrosodimethylamine	3.599	42	365486	48.644	ng	#	62
6) Aniline	7.181	93	910034	38.168	ng		94
8) 2-Chlorophenol	7.422	128	870035	48.224	ng		95
9) Benzaldehyde	6.987	77	567983	49.829	ng		93
10) Phenol	7.081	94	1036487	47.810	ng		92
11) bis(2-Chloroethyl)ether	7.275	93	842961	47.201	ng		96
12) 1,3-Dichlorobenzene	7.734	146	986171	49.327	ng		96
13) 1,4-Dichlorobenzene	7.881	146	1006434	49.364	ng		99
14) 1,2-Dichlorobenzene	8.198	146	954025	48.496	ng		98
15) Benzyl Alcohol	8.104	79	687707m	47.597	ng		
16) 2,2'-oxybis(1-Chloropr...	8.386	45	1110926	46.781	ng		96
17) 2-Methylphenol	8.322	107	676730	47.156	ng		95
18) Hexachloroethane	8.922	117	371679	50.641	ng		97
19) n-Nitroso-di-n-propyla...	8.663	70	581109	44.433	ng		88
20) 3+4-Methylphenols	8.657	107	890655	45.681	ng		93
22) Acetophenone	8.681	105	1231581	49.326	ng	#	92
24) Nitrobenzene	9.057	77	897712	50.679	ng		98
25) Isophorone	9.586	82	1578055	51.481	ng		98
26) 2-Nitrophenol	9.769	139	444145	53.160	ng		93
27) 2,4-Dimethylphenol	9.851	122	731092	56.487	ng		97
28) bis(2-Chloroethoxy)met...	10.069	93	1007566	46.137	ng		100
29) 2,4-Dichlorophenol	10.316	162	713652	49.032	ng		99
30) 1,2,4-Trichlorobenzene	10.510	180	780391	47.314	ng		98
31) Naphthalene	10.698	128	2548012	48.589	ng		99
32) Benzoic acid	10.022	122	520944	50.777	ng		95
33) 4-Chloroaniline	10.828	127	488305	23.105	ng		96
34) Hexachlorobutadiene	10.975	225	475959	49.108	ng		98
35) Caprolactam	11.627	113	206439	46.048	ng		95
36) 4-Chloro-3-methylphenol	11.974	107	703049	45.956	ng		99
37) 2-Methylnaphthalene	12.316	142	1652898	47.366	ng		97
38) 1-Methylnaphthalene	12.533	142	1561009	45.679	ng		98
40) 1,2,4,5-Tetrachloroben...	12.680	216	788470	52.080	ng		99
41) Hexachlorocyclopentadiene	12.651	237	834289	104.047	ng		98
43) 2,4,6-Trichlorophenol	12.933	196	516640	50.150	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	549349	50.515	ng		96
46) 1,1'-Biphenyl	13.327	154	2045359	50.258	ng		99
47) 2-Chloronaphthalene	13.369	162	1553423	49.873	ng		100
48) 2-Nitroaniline	13.586	65	437158	51.500	ng		92
49) Acenaphthylene	14.210	152	2425868	50.384	ng		100
50) Dimethylphthalate	13.957	163	1760474	46.358	ng		99
51) 2,6-Dinitrotoluene	14.080	165	385144	50.548	ng		89
52) Acenaphthene	14.551	154	1690950m	53.688	ng		
53) 3-Nitroaniline	14.416	138	307044	34.539	ng		93
54) 2,4-Dinitrophenol	14.616	184	396836	98.421	ng		89
55) Dibenzofuran	14.886	168	2213138	46.923	ng		98
56) 4-Nitrophenol	14.757	139	730184	102.641	ng		87
57) 2,4-Dinitrotoluene	14.863	165	508734	50.940	ng		99
58) Fluorene	15.533	166	1753271	47.125	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.121	232	428655	46.532	ng		97
60) Diethylphthalate	15.315	149	1745659	44.731	ng		99
61) 4-Chlorophenyl-phenyle...	15.533	204	835712	45.048	ng		96
62) 4-Nitroaniline	15.574	138	421541m	46.094	ng		
63) Azobenzene	15.821	77	1675870	45.172	ng		93
65) 4,6-Dinitro-2-methylph...	15.621	198	236259	45.659	ng		93
66) n-Nitrosodiphenylamine	15.751	169	1450416	50.770	ng		99
67) 4-Bromophenyl-phenylether	16.421	248	491761	48.580	ng		96
68) Hexachlorobenzene	16.527	284	578220	49.784	ng		95
69) Atrazine	16.704	200	472328	59.087	ng		97
70) Pentachlorophenol	16.886	266	709736	104.339	ng		98
71) Phenanthrene	17.274	178	2614032	50.701	ng		99
72) Anthracene	17.362	178	2584493	51.778	ng		99
73) Carbazole	17.645	167	2428754	48.023	ng		99
74) Di-n-butylphthalate	18.203	149	2892496	47.910	ng		99
75) Fluoranthene	19.286	202	3136859	54.353	ng		98
77) Benzidine	19.486	184	1585460	101.965	ng		99
78) Pyrene	19.650	202	3277259	50.974	ng		99
80) Butylbenzylphthalate	20.550	149	1337879	48.214	ng		98
81) Benzo(a)anthracene	21.397	228	3294986	51.596	ng		99
82) 3,3'-Dichlorobenzidine	21.333	252	1137653	73.366	ng		100
83) Chrysene	21.450	228	3136194	51.662	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	1977061	47.227	ng	#	99
85) Di-n-octyl phthalate	22.233	149	3494061	51.141	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.221	276	4301816	51.403	ng		99
88) Benzo(b)fluoranthene	23.050	252	3850829	55.191	ng		99
89) Benzo(k)fluoranthene	23.097	252	3505900	49.750	ng		99
90) Benzo(a)pyrene	23.662	252	3383798	57.802	ng		99
91) Dibenzo(a,h)anthracene	26.232	278	3628976	51.804	ng		99
92) Benzo(g,h,i)perylene	26.974	276	3719140	54.841	ng		98

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

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