Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
Data File : BM036119.D
Acq On : 05 Aug 2022 14:29
Operator : CG/JU
Sample : N3960-18MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 06 01:12:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 03:36:25 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
RVE-165MSD

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	304966	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	1360759	20.000	ng		0.00
39) Acenaphthene-d10	14.498	164	867912	20.000	ng		0.00
64) Phenanthrene-d10	17.233	188	1800327	20.000	ng		0.00
76) Chrysene-d12	21.421	240	1663880	20.000	ng		0.00
86) Perylene-d12	23.774	264	1513292	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1992462	105.923	ng		0.00
7) Phenol-d6	7.034	99	2682611	112.079	ng		0.00
23) Nitrobenzene-d5	9.028	82	1549867	63.756	ng		0.00
42) 2,4,6-Tribromophenol	15.986	330	1097782	107.819	ng		0.00
45) 2-Fluorobiphenyl	13.121	172	3720013	63.284	ng		0.00
79) Terphenyl-d14	19.862	244	5787202	68.604	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	290193	38.285	ng		93
3) Pyridine	3.693	79	820794	40.382	ng		89
4) n-Nitrosodimethylamine	3.604	42	388836	46.554	ng	#	63
6) Aniline	7.186	93	1150974	43.425	ng		94
8) 2-Chlorophenol	7.422	128	1114207	55.555	ng		94
9) Benzaldehyde	6.992	77	726085	57.302	ng		95
10) Phenol	7.063	94	1403647	58.243	ng		90
11) bis(2-Chloroethyl)ether	7.287	93	1002808	50.512	ng		94
12) 1,3-Dichlorobenzene	7.739	146	1076685	48.446	ng		98
13) 1,4-Dichlorobenzene	7.892	146	1104937	48.752	ng		99
14) 1,2-Dichlorobenzene	8.204	146	1074207	49.121	ng		99
15) Benzyl Alcohol	8.104	79	938159m	58.410	ng		
16) 2,2'-oxybis(1-Chloropr...	8.392	45	1341131	50.803	ng		97
17) 2-Methylphenol	8.310	107	937824	58.786	ng		95
18) Hexachloroethane	8.933	117	409242	50.159	ng		97
19) n-Nitroso-di-n-propyla...	8.675	70	782670	53.834	ng	#	87
20) 3+4-Methylphenols	8.639	107	1275303	58.840	ng		96
22) Acetophenone	8.686	105	1605147	49.831	ng	#	92
24) Nitrobenzene	9.069	77	1151833	50.402	ng		96
25) Isophorone	9.598	82	2243013	56.719	ng		98
26) 2-Nitrophenol	9.775	139	604654	56.096	ng		93
27) 2,4-Dimethylphenol	9.845	122	1009183	60.439	ng		98
28) bis(2-Chloroethoxy)met...	10.080	93	1398187	49.626	ng		99
29) 2,4-Dichlorophenol	10.310	162	1070680	57.019	ng		99
30) 1,2,4-Trichlorobenzene	10.522	180	981900	46.144	ng		99
31) Naphthalene	10.710	128	3325734	49.158	ng		99
32) Benzoic acid	10.016	122	814869	61.565	ng		93
33) 4-Chloroaniline	10.827	127	658004	24.133	ng		96
34) Hexachlorobutadiene	10.986	225	586198	46.881	ng		97
35) Caprolactam	11.645	113	363053m	62.771	ng		
36) 4-Chloro-3-methylphenol	11.963	107	1145111	58.019	ng		99
37) 2-Methylnaphthalene	12.321	142	2355329	52.317	ng		97
38) 1-Methylnaphthalene	12.539	142	2267579	51.433	ng		97
40) 1,2,4,5-Tetrachloroben...	12.686	216	1135597	48.262	ng		99
41) Hexachlorocyclopentadiene	12.663	237	1375178	110.348	ng		98
43) 2,4,6-Trichlorophenol	12.933	196	840916	52.521	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.004	196	925894	54.781	ng		97
46) 1,1'-Biphenyl	13.333	154	3100690	49.022	ng		99
47) 2-Chloronaphthalene	13.374	162	2360923	48.770	ng		99
48) 2-Nitroaniline	13.586	65	741884	56.234	ng		93
49) Acenaphthylene	14.221	152	3845628	51.391	ng		100
50) Dimethylphthalate	13.968	163	2976880	50.437	ng		99
51) 2,6-Dinitrotoluene	14.086	165	662688	55.961	ng		89
52) Acenaphthene	14.562	154	2727682m	55.723	ng		
53) 3-Nitroaniline	14.415	138	473787	34.292	ng		92
54) 2,4-Dinitrophenol	14.621	184	741003	118.247	ng		88
55) Dibenzofuran	14.898	168	3571366	48.720	ng		98
56) 4-Nitrophenol	14.733	139	1322685	119.630	ng		86
57) 2,4-Dinitrotoluene	14.868	165	922154	59.411	ng		99
58) Fluorene	15.545	166	2934005	50.741	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.121	232	762180	53.235	ng		97
60) Diethylphthalate	15.321	149	3101135	51.129	ng		100
61) 4-Chlorophenyl-phenyle...	15.539	204	1416460	49.126	ng		97
62) 4-Nitroaniline	15.580	138	765590	53.863	ng		91
63) Azobenzene	15.833	77	2860437	49.608	ng		93
65) 4,6-Dinitro-2-methylph...	15.627	198	471953	51.270	ng		94
66) n-Nitrosodiphenylamine	15.757	169	2583693	50.837	ng		99
67) 4-Bromophenyl-phenylether	16.433	248	882131	48.986	ng		93
68) Hexachlorobenzene	16.539	284	1034118	50.049	ng		92
69) Atrazine	16.709	200	913523	64.238	ng		98
70) Pentachlorophenol	16.892	266	1301785	107.576	ng		99
71) Phenanthrene	17.280	178	4514367	49.219	ng		99
72) Anthracene	17.368	178	4561382	51.368	ng		99
73) Carbazole	17.645	167	4366246	48.529	ng		99
74) Di-n-butylphthalate	18.209	149	5527855	51.468	ng		99
75) Fluoranthene	19.292	202	5190725	50.558	ng		98
77) Benzidine	19.486	184	2090697	83.784	ng		99
78) Pyrene	19.656	202	5322453	51.586	ng		99
80) Butylbenzylphthalate	20.556	149	2499636	56.132	ng		99
81) Benzo(a)anthracene	21.403	228	5101191	49.775	ng		99
82) 3,3'-Dichlorobenzidine	21.339	252	1431857	57.539	ng		100
83) Chrysene	21.456	228	4705854	48.304	ng		99
84) Bis(2-ethylhexyl)phtha...	21.333	149	3589349	53.427	ng		98
85) Di-n-octyl phthalate	22.244	149	5904848	53.855	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.232	276	4317649	40.600	ng		99
88) Benzo(b)fluoranthene	23.062	252	4954825	55.884	ng		99
89) Benzo(k)fluoranthene	23.109	252	4651937	51.948	ng		98
90) Benzo(a)pyrene	23.674	252	4096511	55.068	ng		99
91) Dibenzo(a,h)anthracene	26.250	278	3809667	42.797	ng		99
92) Benzo(g,h,i)perylene	26.985	276	3565966	41.379	ng		99

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

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