Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
Data File : BM036056.D
Acq On : 02 Aug 2022 17:47
Operator : CG/JU
Sample : N3976-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 03 00:53:13 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 01 17:50:14 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
TP1-0729MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022

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08/04/2022

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08/04/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	380662	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	1622193	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	977526	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	1941563	20.000	ng		0.00
76) Chrysene-d12	21.433	240	1801363	20.000	ng		0.00
86) Perylene-d12	23.791	264	1583450	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	3794428	161.607	ng		0.01
7) Phenol-d6	7.051	99	4438798	148.575	ng		0.01
23) Nitrobenzene-d5	9.045	82	3088716	106.582	ng		0.00
42) 2,4,6-Tribromophenol	16.004	330	1958552	170.789	ng		0.00
45) 2-Fluorobiphenyl	13.139	172	6807531	102.822	ng		0.00
79) Terphenyl-d14	19.874	244	9859780	107.962	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	445065	47.041	ng	#	32
3) Pyridine	3.722	79	1140830	44.967	ng		90
4) n-Nitrosodimethylamine	3.628	42	611178	58.623	ng	#	67
6) Aniline	7.204	93	1118785	33.816	ng		96
8) 2-Chlorophenol	7.440	128	1571145	62.761	ng		95
9) Benzaldehyde	7.010	77	709218	44.840	ng		94
10) Phenol	7.075	94	1722142	57.249	ng		92
11) bis(2-Chloroethyl)ether	7.304	93	1525879	61.576	ng		95
12) 1,3-Dichlorobenzene	7.757	146	1582428	57.043	ng		98
13) 1,4-Dichlorobenzene	7.910	146	1637131	57.869	ng		99
14) 1,2-Dichlorobenzene	8.222	146	1574666	57.687	ng		99
15) Benzyl Alcohol	8.122	79	1324513m	66.066	ng		
16) 2,2'-oxybis(1-Chloropr...	8.410	45	2036907	61.816	ng		97
17) 2-Methylphenol	8.328	107	1271411	63.848	ng		96
18) Hexachloroethane	8.951	117	610991	59.995	ng		95
19) n-Nitroso-di-n-propyla...	8.692	70	1153989	63.591	ng		89
20) 3+4-Methylphenols	8.657	107	1704095	62.989	ng		97
22) Acetophenone	8.704	105	2339836	60.933	ng		93
24) Nitrobenzene	9.087	77	1701570	62.458	ng		96
25) Isophorone	9.616	82	3211965	68.131	ng		98
26) 2-Nitrophenol	9.792	139	830569	64.637	ng		94
27) 2,4-Dimethylphenol	9.857	122	1421739	71.425	ng		98
28) bis(2-Chloroethoxy)met...	10.098	93	2007951	59.783	ng		99
29) 2,4-Dichlorophenol	10.328	162	1443330	64.477	ng		99
30) 1,2,4-Trichlorobenzene	10.539	180	1420954	56.015	ng		98
31) Naphthalene	10.728	128	4756562	58.977	ng		99
32) Benzoic acid	10.034	122	928433	58.840	ng		94
33) 4-Chloroaniline	10.845	127	421809	12.977	ng		96
34) Hexachlorobutadiene	11.010	225	837905	56.211	ng		99
35) Caprolactam	11.663	113	371155m	53.829	ng		
36) 4-Chloro-3-methylphenol	11.975	107	1523114	64.734	ng		99
37) 2-Methylnaphthalene	12.339	142	3302451	61.533	ng		98
38) 1-Methylnaphthalene	12.557	142	3157156	60.070	ng		99
40) 1,2,4,5-Tetrachloroben...	12.704	216	1567617	59.151	ng		98
41) Hexachlorocyclopentadiene	12.680	237	2198180	156.609	ng		100
43) 2,4,6-Trichlorophenol	12.951	196	1116497	61.913	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.022	196	1200866	63.083	ng	97
46) 1,1'-Biphenyl	13.351	154	4269665	59.934	ng	99
47) 2-Chloronaphthalene	13.392	162	3249059	59.590	ng	100
48) 2-Nitroaniline	13.604	65	983251	66.172	ng	91
49) Acenaphthylene	14.233	152	5164471	61.276	ng	100
50) Dimethylphthalate	13.980	163	3979332	59.861	ng	100
51) 2,6-Dinitrotoluene	14.098	165	878611	65.874	ng	93
52) Acenaphthene	14.574	154	3763559m	68.263	ng	
53) 3-Nitroaniline	14.427	138	671305	43.140	ng	96
54) 2,4-Dinitrophenol	14.633	184	1018937	144.366	ng	91
55) Dibenzofuran	14.910	168	4816830	58.342	ng	99
56) 4-Nitrophenol	14.745	139	1542979	123.906	ng	86
57) 2,4-Dinitrotoluene	14.886	165	1208498	69.128	ng	97
58) Fluorene	15.557	166	3937189	60.455	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.133	232	994906	61.697	ng	98
60) Diethylphthalate	15.339	149	4086852	59.825	ng	99
61) 4-Chlorophenyl-phenyle...	15.551	204	1913854	58.934	ng	97
62) 4-Nitroaniline	15.592	138	981464	61.308	ng	93
63) Azobenzene	15.845	77	3914499	60.276	ng	94
65) 4,6-Dinitro-2-methylph...	15.645	198	601340	60.573	ng	93
66) n-Nitrosodiphenylamine	15.769	169	3326837	60.698	ng	100
67) 4-Bromophenyl-phenylether	16.445	248	1170969	60.295	ng	95
68) Hexachlorobenzene	16.551	284	1360249	61.044	ng	95
69) Atrazine	16.727	200	1098867	71.651	ng	99
70) Pentachlorophenol	16.904	266	1759229	134.803	ng	98
71) Phenanthrene	17.292	178	5940099	60.052	ng	98
72) Anthracene	17.386	178	5962364	62.261	ng	98
73) Carbazole	17.657	167	5635514	58.080	ng	99
74) Di-n-butylphthalate	18.221	149	7045309	60.825	ng	99
75) Fluoranthene	19.309	202	6755296	61.010	ng	99
77) Benzidine	19.498	184	979653	36.263	ng	99
78) Pyrene	19.668	202	6927170	62.015	ng	98
80) Butylbenzylphthalate	20.574	149	3133063	64.986	ng	95
81) Benzo(a)anthracene	21.415	228	6649786	59.933	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	1643749	61.012	ng	100
83) Chrysene	21.468	228	6216519	58.941	ng	98
84) Bis(2-ethylhexyl)phtha...	21.345	149	4531465	62.302	ng	98
85) Di-n-octyl phthalate	22.262	149	7404192	62.376	ng	95
87) Indeno(1,2,3-cd)pyrene	26.262	276	5588585	50.223	ng	98
88) Benzo(b)fluoranthene	23.080	252	6505039	70.118	ng	99
89) Benzo(k)fluoranthene	23.127	252	6105967	65.164	ng	98
90) Benzo(a)pyrene	23.692	252	5236472	67.273	ng	98
91) Dibenzo(a,h)anthracene	26.280	278	4975939	53.422	ng	99
92) Benzo(g,h,i)perylene	27.021	276	4647542	51.541	ng	98

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

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