Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010522\
Data File : BM033646.D
Acq On : 05 Jan 2022 15:31
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022

Quant Time: Jan 05 16:36:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 15:08:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.989	152	216278	20.000	ng		0.00
21) Naphthalene-d8	10.807	136	837237	20.000	ng		0.00
39) Acenaphthene-d10	14.630	164	497067	20.000	ng		0.00
64) Phenanthrene-d10	17.359	188	839324	20.000	ng		0.00
76) Chrysene-d12	21.524	240	661712	20.000	ng		0.00
86) Perylene-d12	23.953	264	695696	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.525	112	1912940	152.241	ng		0.00
7) Phenol-d6	7.148	99	2619258	148.893	ng		0.01
23) Nitrobenzene-d5	9.160	82	2688589	133.382	ng		0.00
42) 2,4,6-Tribromophenol	16.112	330	830806	135.740	ng		0.00
45) 2-Fluorobiphenyl	13.265	172	5514656	156.417	ng		0.00
79) Terphenyl-d14	19.977	244	5528050	138.958	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.772	79	1103859m	83.341	ng		
4) n-Nitrosodimethylamine	3.678	42	547068	55.316	ng	#	77
6) Aniline	7.307	93	1513180	75.361	ng		97
8) 2-Chlorophenol	7.548	128	1068999	77.197	ng		91
10) Phenol	7.172	94	1325632	75.910	ng		94
11) bis(2-Chloroethyl)ether	7.407	93	1021474	76.716	ng		95
12) 1,3-Dichlorobenzene	7.878	146	1175330	71.947	ng		97
13) 1,4-Dichlorobenzene	8.025	146	1205005	72.561	ng		98
14) 1,2-Dichlorobenzene	8.348	146	1157738	70.862	ng		99
15) Benzyl Alcohol	8.231	79	1102834	66.554	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.531	45	1504777	63.939	ng		98
17) 2-Methylphenol	8.431	107	929598	73.213	ng		96
18) Hexachloroethane	9.083	117	466026	68.608	ng		100
19) n-Nitroso-di-n-propyla...	8.813	70	867411	63.301	ng	#	92
20) 3+4-Methylphenols	8.772	107	1285498	73.845	ng		95
22) Acetophenone	8.819	105	1651176	71.994	ng	#	93
24) Nitrobenzene	9.201	77	1262270	65.521	ng		92
25) Isophorone	9.736	82	2252600	70.906	ng		98
26) 2-Nitrophenol	9.913	139	596434	81.047	ng		87
27) 2,4-Dimethylphenol	9.977	122	908556	79.966	ng		97
28) bis(2-Chloroethoxy)met...	10.213	93	1417799	79.641	ng		98
29) 2,4-Dichlorophenol	10.454	162	1023089	77.252	ng		99
30) 1,2,4-Trichlorobenzene	10.672	180	1105155	70.817	ng		98
31) Naphthalene	10.860	128	3379354	75.196	ng		99
32) Benzoic acid	10.160	122	792201	85.595	ng		88
33) 4-Chloroaniline	10.960	127	1382133	80.929	ng		95
34) Hexachlorobutadiene	11.154	225	735774	68.555	ng		97
35) Caprolactam	11.771	113	298512	107.707	ng	#	81
36) 4-Chloro-3-methylphenol	12.089	107	1185237	69.532	ng		98
37) 2-Methylnaphthalene	12.466	142	2316414	71.948	ng		99
38) 1-Methylnaphthalene	12.683	142	2232827	69.397	ng		100
40) 1,2,4,5-Tetrachloroben...	12.836	216	1176583	82.381	ng		100
41) Hexachlorocyclopentadiene	12.818	237	779272	98.170	ng		99
43) 2,4,6-Trichlorophenol	13.066	196	785539	78.151	ng		99
44) 2,4,5-Trichlorophenol	13.136	196	822142	77.046	ng		98
46) 1,1'-Biphenyl	13.471	154	2965475	81.302	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	2-Chloronaphthalene	13.513	162	2259595	79.853	ng		98
48)	2-Nitroaniline	13.701	65	756193	69.955	ng		90
49)	Acenaphthylene	14.354	152	3568237	78.735	ng		98
50)	Dimethylphthalate	14.089	163	2869096	74.877	ng		99
51)	2,6-Dinitrotoluene	14.201	165	578734	75.662	ng		93
52)	Acenaphthene	14.695	154	2335600	85.785	ng		99
53)	3-Nitroaniline	14.524	138	603257	80.310	ng		92
54)	2,4-Dinitrophenol	14.724	184	304924	64.055	ng		91
55)	Dibenzofuran	15.024	168	3387119	72.651	ng		95
56)	4-Nitrophenol	14.824	139	468123	80.729	ng	#	86
57)	2,4-Dinitrotoluene	14.983	165	752812	70.511	ng		86
58)	Fluorene	15.671	166	2555627	68.000	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.248	232	688489	70.290	ng		99
60)	Diethylphthalate	15.448	149	2962233	71.650	ng		99
61)	4-Chlorophenyl-phenyle...	15.665	204	1357492	68.521	ng		95
62)	4-Nitroaniline	15.683	138	568341	73.430	ng		92
63)	Azobenzene	15.959	77	2874890	63.013	ng		94
65)	4,6-Dinitro-2-methylph...	15.742	198	415747	74.220	ng		89
66)	n-Nitrosodiphenylamine	15.877	169	2218920	89.134	ng		98
67)	4-Bromophenyl-phenylether	16.559	248	767614	84.739	ng		98
68)	Hexachlorobenzene	16.677	284	839964	85.957	ng		98
69)	Atrazine	16.824	200	750323	134.192	ng		99
70)	Pentachlorophenol	17.012	266	512914	85.971	ng		98
71)	Phenanthrene	17.406	178	3524548	76.115	ng		99
72)	Anthracene	17.495	178	3510157	77.068	ng		98
73)	Carbazole	17.759	167	3133220	71.700	ng		99
74)	Di-n-butylphthalate	18.336	149	4438719	82.074	ng		100
75)	Fluoranthene	19.412	202	3469315	65.502	ng		99
77)	Benzidine	19.589	184	1464827	200.638	ng		99
78)	Pyrene	19.771	202	3475631	70.710	ng		98
80)	Butylbenzylphthalate	20.665	149	1633938	76.210	ng		96
81)	Benzo(a)anthracene	21.512	228	3313865	73.509	ng		98
82)	3,3'-Dichlorobenzidine	21.441	252	1216623	60.085	ng		100
83)	Chrysene	21.565	228	3175974	73.459	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.441	149	2412273	81.566	ng		100
85)	Di-n-octyl phthalate	22.383	149	4020965	83.147	ng	#	94
87)	Indeno(1,2,3-cd)pyrene	26.518	276	3926077	79.682	ng		99
88)	Benzo(b)fluoranthene	23.218	252	3299668	74.049	ng		99
89)	Benzo(k)fluoranthene	23.271	252	3266570	73.554	ng		99
90)	Benzo(a)pyrene	23.853	252	2807270	74.832	ng		98
91)	Dibenzo(a,h)anthracene	26.535	278	3243747	77.981	ng		97
92)	Benzo(g,h,i)perylene	27.300	276	3207209	78.293	ng		97

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

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