Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082721\
Data File : BM031929.D
Acq On : 27 Aug 2021 15:55
Operator : CG/JU
Sample : M3528-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-3-082421MSD

Manual Integrations APPROVED
mohammad
8/30/2021 10:34:52 AM

Quant Time: Aug 27 16:31:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 26 14:24:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.516	152	78947	20.000	ng		0.00
21) Naphthalene-d8	10.275	136	334249	20.000	ng		0.00
39) Acenaphthene-d10	14.157	164	196020	20.000	ng		0.00
64) Phenanthrene-d10	16.910	188	343644	20.000	ng		0.00
76) Chrysene-d12	21.115	240	249819	20.000	ng	#	0.00
86) Perylene-d12	23.256	264	240675	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.158	112	591763	119.723	ng		0.00
7) Phenol-d6	6.716	99	690884	97.481	ng		0.00
23) Nitrobenzene-d5	8.669	82	584925	79.158	ng		0.00
42) 2,4,6-Tribromophenol	15.663	330	239665	113.263	ng		0.00
45) 2-Fluorobiphenyl	12.769	172	1214489	83.792	ng		0.00
79) Terphenyl-d14	19.563	244	1339017	86.166	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	67560	34.413	ng	#	20
3) Pyridine	3.558	79	139016	26.967	ng		92
4) n-Nitrosodimethylamine	3.469	42	101681	36.675	ng	#	63
6) Aniline	6.869	93	170138	22.463	ng		94
8) 2-Chlorophenol	7.087	128	230643	40.291	ng		94
9) Benzaldehyde	6.681	77	134660	34.764	ng		95
10) Phenol	6.740	94	250977	35.694	ng		90
11) bis(2-Chloroethyl)ether	6.963	93	224584	41.850	ng		96
12) 1,3-Dichlorobenzene	7.404	146	235227	38.739	ng		94
13) 1,4-Dichlorobenzene	7.552	146	243112	39.016	ng		98
14) 1,2-Dichlorobenzene	7.857	146	235438	39.055	ng		98
15) Benzyl Alcohol	7.769	79	235109	43.997	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.051	45	303048	41.130	ng		96
17) 2-Methylphenol	7.963	107	188035	39.505	ng		96
18) Hexachloroethane	8.563	117	98662	40.571	ng		98
19) n-Nitroso-di-n-propyla...	8.328	70	198841	39.593	ng		90
20) 3+4-Methylphenols	8.293	107	254966	38.779	ng		97
22) Acetophenone	8.340	105	388169	42.746	ng	#	90
24) Nitrobenzene	8.710	77	294813	39.246	ng		94
25) Isophorone	9.234	82	509099	39.152	ng		97
26) 2-Nitrophenol	9.404	139	124404	40.020	ng	#	86
27) 2,4-Dimethylphenol	9.475	122	213638	45.002	ng		98
28) bis(2-Chloroethoxy)met...	9.716	93	314811	46.039	ng		99
29) 2,4-Dichlorophenol	9.934	162	216463	40.629	ng		96
30) 1,2,4-Trichlorobenzene	10.140	180	230967	39.721	ng		99
31) Naphthalene	10.322	128	728801	39.378	ng		99
32) Benzoic acid	9.657	122	136384	35.786	ng		93
33) 4-Chloroaniline	10.457	127	56072	7.449	ng		93
34) Hexachlorobutadiene	10.598	225	137250	38.952	ng		98
35) Caprolactam	11.263	113	48834m	29.235	ng		
36) 4-Chloro-3-methylphenol	11.587	107	235676	37.805	ng		94
37) 2-Methylnaphthalene	11.939	142	537417	40.059	ng		96
38) 1-Methylnaphthalene	12.163	142	499070	38.978	ng		98
40) 1,2,4,5-Tetrachloroben...	12.316	216	257071	45.426	ng		99
41) Hexachlorocyclopentadiene	12.287	237	307333	117.216	ng		99
43) 2,4,6-Trichlorophenol	12.575	196	170132	42.272	ng		96

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44) 2,4,5-Trichlorophenol	12.645	196	181912	41.607	ng		94
46) 1,1'-Biphenyl	12.981	154	655543	42.705	ng		99
47) 2-Chloronaphthalene	13.016	162	520878	43.051	ng		99
48) 2-Nitroaniline	13.245	65	165103	42.696	ng		88
49) Acenaphthylene	13.875	152	821249	42.963	ng		99
50) Dimethylphthalate	13.633	163	656817	43.363	ng		99
51) 2,6-Dinitrotoluene	13.757	165	137471	40.455	ng	#	76
52) Acenaphthene	14.222	154	484291	41.325	ng		98
53) 3-Nitroaniline	14.086	138	69578	20.820	ng		91
54) 2,4-Dinitrophenol	14.304	184	146242	77.109	ng	#	77
55) Dibenzofuran	14.557	168	771219	40.478	ng		97
56) 4-Nitrophenol	14.410	139	186034	69.554	ng	#	83
57) 2,4-Dinitrotoluene	14.551	165	186039	40.305	ng	#	86
58) Fluorene	15.216	166	627863	40.723	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.792	232	139249	37.617	ng		93
60) Diethylphthalate	15.010	149	663583	41.849	ng		98
61) 4-Chlorophenyl-phenyle...	15.216	204	310874	41.829	ng		97
62) 4-Nitroaniline	15.257	138	119421	36.519	ng	#	84
63) Azobenzene	15.510	77	697624	39.888	ng		92
65) 4,6-Dinitro-2-methylph...	15.316	198	86316	37.655	ng		91
66) n-Nitrosodiphenylamine	15.439	169	519394	44.885	ng		96
67) 4-Bromophenyl-phenylether	16.110	248	168527	46.082	ng		99
68) Hexachlorobenzene	16.210	284	177422	45.396	ng		95
69) Atrazine	16.404	200	170499	47.179	ng		95
70) Pentachlorophenol	16.569	266	211912	86.722	ng		97
71) Phenanthrene	16.951	178	868341	42.542	ng		99
72) Anthracene	17.045	178	877421	44.100	ng		99
73) Carbazole	17.327	167	749072	39.180	ng		99
74) Di-n-butylphthalate	17.898	149	1046686	45.594	ng		98
75) Fluoranthene	18.980	202	859358	38.686	ng		98
77) Benzidine	19.186	184	242985	39.632	ng		99
78) Pyrene	19.345	202	868206	43.722	ng		100
80) Butylbenzylphthalate	20.268	149	405397	48.045	ng		96
81) Benzo(a)anthracene	21.104	228	745720	41.905	ng		99
82) 3,3'-Dichlorobenzidine	21.051	252	133936	27.169	ng		99
83) Chrysene	21.157	228	731714	42.211	ng		99
84) Bis(2-ethylhexyl)phtha...	21.051	149	625855	51.347	ng		98
85) Di-n-octyl phthalate	21.909	149	1033220	53.661	ng		95
87) Indeno(1,2,3-cd)pyrene	25.374	276	839734	50.156	ng		96
88) Benzo(b)fluoranthene	22.627	252	762636	42.829	ng		97
89) Benzo(k)fluoranthene	22.668	252	703202	41.250	ng		98
90) Benzo(a)pyrene	23.168	252	703806	45.049	ng		98
91) Dibenzo(a,h)anthracene	25.386	278	731015	50.344	ng		97
92) Benzo(g,h,i)perylene	26.021	276	706860	51.684	ng		96

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

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