Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032521\
Data File : BM029213.D
Acq On : 24 Mar 2021 20:51
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
3/25/2021 11:52:06 AM

Quant Time: Mar 25 01:47:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 25 01:40:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	104123	20.00	ng		0.00
21) Naphthalene-d8	10.545	136	375766	20.00	ng		0.00
39) Acenaphthene-d10	14.386	164	231958	20.00	ng		0.00
64) Phenanthrene-d10	17.121	188	467309	20.00	ng		0.00
76) Chrysene-d12	21.291	240	492737	20.00	ng		0.00
86) Perylene-d12	23.527	264	490252	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	974534	155.13	ng		0.00
7) Phenol-d6	6.934	99	1377186	165.98	ng		0.00
23) Nitrobenzene-d5	8.916	82	1320990	189.66	ng		0.00
42) 2,4,6-Tribromophenol	15.874	330	420115	152.82	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	2782031	159.67	ng		0.00
79) Terphenyl-d14	19.744	244	4261726	159.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.310	88	206490	87.42	ng		98
3) Pyridine	3.698	79	547994m	87.92	ng		
4) n-Nitrosodimethylamine	3.610	42	257453	73.93	ng		95
6) Aniline	7.098	93	745386	84.01	ng		98
8) 2-Chlorophenol	7.334	128	543132	72.79	ng		97
9) Benzaldehyde	6.910	77	396624	87.70	ng		98
10) Phenol	6.963	94	675886	81.97	ng		96
11) bis(2-Chloroethyl)ether	7.192	93	487311	77.91	ng		99
12) 1,3-Dichlorobenzene	7.651	146	595333	73.16	ng		98
13) 1,4-Dichlorobenzene	7.798	146	609414	73.84	ng		99
14) 1,2-Dichlorobenzene	8.116	146	586471	73.85	ng		98
15) Benzyl Alcohol	7.998	79	516689	87.08	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	702810	72.96	ng		98
17) 2-Methylphenol	8.198	107	445416	79.55	ng		98
18) Hexachloroethane	8.839	117	225040	75.04	ng		98
19) n-Nitroso-di-n-propyla...	8.575	70	454607	93.14	ng		97
20) 3+4-Methylphenols	8.528	107	603442	80.11	ng		99
22) Acetophenone	8.581	105	790715	86.28	ng	#	98
24) Nitrobenzene	8.957	77	677619	95.69	ng		98
25) Isophorone	9.480	82	1176414	95.99	ng		99
27) 2,4-Dimethylphenol	9.722	122	446005	83.10	ng		99
28) bis(2-Chloroethoxy)met...	9.963	93	594512	85.38	ng		99
29) 2,4-Dichlorophenol	10.192	162	503673	82.02	ng		99
30) 1,2,4-Trichlorobenzene	10.410	180	541771	80.46	ng		99
31) Naphthalene	10.592	128	1647244	79.51	ng		99
33) 4-Chloroaniline	10.704	127	680712	81.75	ng		98
34) Hexachlorobutadiene	10.886	225	320646	79.42	ng		99
35) Caprolactam	11.498	113	156375	93.08	ng		95
36) 4-Chloro-3-methylphenol	11.827	107	530261	85.68	ng		100
37) 2-Methylnaphthalene	12.204	142	1183985	81.22	ng		100
38) 1-Methylnaphthalene	12.427	142	1127323	81.65	ng		99
40) 1,2,4,5-Tetrachloroben...	12.574	216	562451	77.55	ng		99
41) Hexachlorocyclopentadiene	12.557	237	334230	120.90	ng		99
43) 2,4,6-Trichlorophenol	12.816	196	386428	76.01	ng		98
44) 2,4,5-Trichlorophenol	12.886	196	420762	77.12	ng		97
46) 1,1'-Biphenyl	13.221	154	1479962	79.56	ng		99

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47) 2-Chloronaphthalene	13.263	162	1164654	76.69	ng		100
48) 2-Nitroaniline	13.463	65	378092	92.57	ng		98
49) Acenaphthylene	14.110	152	1833344	78.61	ng		100
50) Dimethylphthalate	13.851	163	1385321	78.81	ng		99
51) 2,6-Dinitrotoluene	13.963	165	324188	79.10	ng		98
52) Acenaphthene	14.451	154	1132733	79.20	ng		99
55) Dibenzofuran	14.786	168	1786571	79.56	ng		99
56) 4-Nitrophenol	14.592	139	290648	88.73	ng		94
58) Fluorene	15.433	166	1499424	83.31	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.009	232	351057	80.06	ng		99
60) Diethylphthalate	15.215	149	1418563	80.21	ng		99
61) 4-Chlorophenyl-phenyle...	15.433	204	701915	81.73	ng		98
63) Azobenzene	15.727	77	1565406	95.92	ng		97
66) n-Nitrosodiphenylamine	15.645	169	1270889	79.50	ng		99
67) 4-Bromophenyl-phenylether	16.321	248	388348	74.06	ng		100
68) Hexachlorobenzene	16.433	284	426508	72.99	ng		98
69) Atrazine	16.598	200	426739	85.80	ng		98
70) Pentachlorophenol	16.774	266	285326	91.29	ng		98
71) Phenanthrene	17.168	178	2262172	81.29	ng		99
72) Anthracene	17.256	178	2256632	81.86	ng		99
73) Carbazole	17.527	167	2231795	84.38	ng		99
74) Di-n-butylphthalate	18.098	149	2356939	78.37	ng		100
75) Fluoranthene	19.180	202	2623373	85.79	ng		99
77) Benzidine	19.362	184	1384204	85.25	ng		100
78) Pyrene	19.539	202	2775223	76.67	ng		100
81) Benzo(a)anthracene	21.280	228	2736727	80.03	ng		99
82) 3,3'-Dichlorobenzidine	21.215	252	885946	75.00	ng	#	97
83) Chrysene	21.333	228	2706494	81.22	ng		99
87) Indeno(1,2,3-cd)pyrene	25.809	276	3133361	84.70	ng		99
88) Benzo(b)fluoranthene	22.862	252	2770340	80.00	ng		99
89) Benzo(k)fluoranthene	22.903	252	2718016	82.62	ng		100
90) Benzo(a)pyrene	23.432	252	2549763	80.69	ng		99
91) Dibenzo(a,h)anthracene	25.815	278	2715386	84.46	ng		98
92) Benzo(g,h,i)perylene	26.497	276	2547427	82.06	ng		99

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

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