Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029724.D
Acq On : 30 Apr 2021 11:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/3/2021 10:49:15 AM

Quant Time: Apr 30 12:46:54 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 29 17:34:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.592	152	78553	20.00	ng		0.00
21) Naphthalene-d8	10.369	136	285298	20.00	ng		# 0.00
39) Acenaphthene-d10	14.239	164	202033	20.00	ng		0.00
64) Phenanthrene-d10	16.986	188	442433	20.00	ng		# 0.00
76) Chrysene-d12	21.174	240	483415	20.00	ng		0.00
86) Perylene-d12	23.344	264	477026	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.192	112	292868	77.73	ng		0.00
7) Phenol-d6	6.781	99	410631	80.27	ng		0.00
23) Nitrobenzene-d5	8.751	82	394987	80.00	ng		0.00
42) 2,4,6-Tribromophenol	15.739	330	269253	83.94	ng		0.00
45) 2-Fluorobiphenyl	12.857	172	1284834	82.47	ng		0.00
79) Terphenyl-d14	19.621	244	2234812	84.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.122	88	55611	38.89	ng		91
3) Pyridine	3.522	79	123572m	43.43	ng		
4) n-Nitrosodimethylamine	3.440	42	52701	37.10	ng	#	80
6) Aniline	6.928	93	219437	39.81	ng		95
8) 2-Chlorophenol	7.163	128	183469	39.64	ng		93
9) Benzaldehyde	6.745	77	76267	38.18	ng		90
10) Phenol	6.804	94	195308	39.93	ng		94
11) bis(2-Chloroethyl)ether	7.028	93	151527	39.49	ng		96
12) 1,3-Dichlorobenzene	7.481	146	221663m	39.50	ng		
13) 1,4-Dichlorobenzene	7.628	146	225551	39.35	ng		98
14) 1,2-Dichlorobenzene	7.939	146	219204	39.00	ng		97
15) Benzyl Alcohol	7.839	79	145099	40.58	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.122	45	146189	35.17	ng		92
17) 2-Methylphenol	8.039	107	139624	40.01	ng		95
18) Hexachloroethane	8.657	117	77258	38.58	ng	#	82
19) n-Nitroso-di-n-propyla...	8.404	70	132435	40.11	ng	#	86
20) 3+4-Methylphenols	8.369	107	194406	41.55	ng		93
22) Acetophenone	8.416	105	257969	40.10	ng		94
24) Nitrobenzene	8.792	77	196846	39.58	ng		93
25) Isophorone	9.316	82	365825	40.10	ng		95
26) 2-Nitrophenol	9.498	139	111831	43.61	ng		89
27) 2,4-Dimethylphenol	9.563	122	148770	40.69	ng		100
28) bis(2-Chloroethoxy)met...	9.798	93	192374	39.63	ng		99
29) 2,4-Dichlorophenol	10.027	162	213885	42.43	ng		97
30) 1,2,4-Trichlorobenzene	10.239	180	250946	40.97	ng		98
31) Naphthalene	10.422	128	578877	39.66	ng		100
32) Benzoic acid	9.739	122	118596	42.32	ng		95
33) 4-Chloroaniline	10.539	127	229334	41.13	ng		97
34) Hexachlorobutadiene	10.704	225	183001	42.43	ng		98
35) Caprolactam	11.339	113	52466	42.88	ng	#	78
36) 4-Chloro-3-methylphenol	11.674	107	179469	41.18	ng		96
37) 2-Methylnaphthalene	12.039	142	458516	40.86	ng		98
38) 1-Methylnaphthalene	12.263	142	436934	40.87	ng		99
40) 1,2,4,5-Tetrachloroben...	12.416	216	314865	42.69	ng	#	96
41) Hexachlorocyclopentadiene	12.392	237	153584	39.37	ng		99
43) 2,4,6-Trichlorophenol	12.663	196	200888	42.97	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.739	196	215095	42.83	ng	#	93
46) 1,1'-Biphenyl	13.068	154	619444	40.61	ng		98
47) 2-Chloronaphthalene	13.110	162	498342	40.49	ng		98
48) 2-Nitroaniline	13.321	65	105845	41.62	ng		90
49) Acenaphthylene	13.963	152	747095	40.20	ng		99
50) Dimethylphthalate	13.710	163	605870	39.27	ng		99
51) 2,6-Dinitrotoluene	13.827	165	142140	40.67	ng	#	82
52) Acenaphthene	14.304	154	461096	40.04	ng		97
53) 3-Nitroaniline	14.157	138	116002	41.80	ng		92
54) 2,4-Dinitrophenol	14.374	184	84875	39.70	ng	#	76
55) Dibenzofuran	14.645	168	786078	40.52	ng		95
56) 4-Nitrophenol	14.480	139	91417	40.67	ng		86
57) 2,4-Dinitrotoluene	14.621	165	188010	41.31	ng	#	85
58) Fluorene	15.292	166	638337	40.06	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.874	232	197132	42.24	ng	#	87
60) Diethylphthalate	15.080	149	583050	38.63	ng		95
61) 4-Chlorophenyl-phenyle...	15.292	204	363580	41.01	ng		93
62) 4-Nitroaniline	15.327	138	117501	41.66	ng		88
63) Azobenzene	15.586	77	472701	38.28	ng		87
65) 4,6-Dinitro-2-methylph...	15.386	198	132527	43.15	ng		84
66) n-Nitrosodiphenylamine	15.509	169	548528	41.72	ng		97
67) 4-Bromophenyl-phenylether	16.186	248	224454	42.61	ng	#	90
68) Hexachlorobenzene	16.298	284	247981	42.18	ng	#	91
69) Atrazine	16.468	200	207244	40.68	ng		94
70) Pentachlorophenol	16.645	266	148456	42.82	ng		98
71) Phenanthrene	17.027	178	988431	39.64	ng		99
72) Anthracene	17.121	178	992167	40.08	ng		99
73) Carbazole	17.392	167	887806	39.76	ng		98
74) Di-n-butylphthalate	17.962	149	1099249	41.66	ng		99
75) Fluoranthene	19.045	202	1265075	41.32	ng		98
77) Benzidine	19.239	184	339743	38.00	ng		98
78) Pyrene	19.409	202	1300204	41.94	ng		99
80) Butylbenzylphthalate	20.321	149	490649	41.50	ng	#	87
81) Benzo(a)anthracene	21.156	228	1258295	40.01	ng		99
82) 3,3'-Dichlorobenzidine	21.097	252	407486	40.76	ng	#	98
83) Chrysene	21.209	228	1223043	39.19	ng		99
84) Bis(2-ethylhexyl)phtha...	21.097	149	760800	40.38	ng	#	98
85) Di-n-octyl phthalate	21.956	149	1277539	40.37	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.526	276	1402016	38.83	ng		97
88) Benzo(b)fluoranthene	22.697	252	1294646	41.03	ng		98
89) Benzo(k)fluoranthene	22.738	252	1200038	39.26	ng		99
90) Benzo(a)pyrene	23.256	252	1155280	40.01	ng	#	98
91) Dibenzo(a,h)anthracene	25.538	278	1197096	38.40	ng		98
92) Benzo(g,h,i)perylene	26.191	276	1134521	38.56	ng		97

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

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