Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
Data File : BM029669.D
Acq On : 27 Apr 2021 11:22
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/28/2021 11:00:25 AM

Quant Time: Apr 27 14:02:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 15:01:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	73215	20.00	ng	-0.01
21) Naphthalene-d8	10.393	136	274331	20.00	ng	0.00
39) Acenaphthene-d10	14.263	164	199690	20.00	ng	0.00
64) Phenanthrene-d10	17.004	188	447197	20.00	ng	0.00
76) Chrysene-d12	21.192	240	512645	20.00	ng	0.00
86) Perylene-d12	23.374	264	522727	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.211	112	292076	79.98	ng	0.00
7) Phenol-d6	6.793	99	424634	77.85	ng	0.00
23) Nitrobenzene-d5	8.769	82	419626	78.78	ng	0.00
42) 2,4,6-Tribromophenol	15.757	330	253236	91.70	ng	0.00
45) 2-Fluorobiphenyl	12.881	172	1255576	85.34	ng	0.00
79) Terphenyl-d14	19.639	244	2191088	81.03	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	56457	38.35	ng	95
3) Pyridine	3.540	79	149800	39.92	ng	95
4) n-Nitrosodimethylamine	3.458	42	64598	35.08	ng	85
6) Aniline	6.946	93	229364	38.25	ng	97
8) 2-Chlorophenol	7.181	128	179311	39.49	ng	96
9) Benzaldehyde	6.763	77	102254m	32.97	ng	
10) Phenol	6.822	94	203415	38.48	ng	96
11) bis(2-Chloroethyl)ether	7.046	93	151107	37.47	ng	96
12) 1,3-Dichlorobenzene	7.499	146	212166	40.55	ng	97
13) 1,4-Dichlorobenzene	7.646	146	215980	40.31	ng	98
14) 1,2-Dichlorobenzene	7.957	146	210925	39.49	ng	98
15) Benzyl Alcohol	7.857	79	154413	38.96	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.146	45	174484	32.82	ng	98
17) 2-Methylphenol	8.063	107	142147	38.59	ng	95
18) Hexachloroethane	8.681	117	74298	38.40	ng	90
19) n-Nitroso-di-n-propyla...	8.422	70	145499	36.57	ng	94
20) 3+4-Methylphenols	8.387	107	199918	39.46	ng	95
22) Acetophenone	8.434	105	268435	40.81	ng	96
24) Nitrobenzene	8.810	77	207557	38.53	ng	95
25) Isophorone	9.334	82	399827	39.94	ng	97
26) 2-Nitrophenol	9.516	139	106838	41.70	ng	96
27) 2,4-Dimethylphenol	9.581	122	150919	41.97	ng	99
28) bis(2-Chloroethoxy)met...	9.816	93	199063	40.25	ng	98
29) 2,4-Dichlorophenol	10.046	162	208055	43.87	ng	97
30) 1,2,4-Trichlorobenzene	10.257	180	232628	42.59	ng	97
31) Naphthalene	10.440	128	575590	40.81	ng	99
32) Benzoic acid	9.740	122	113224	37.77	ng	95
33) 4-Chloroaniline	10.557	127	236121	42.45	ng	99
34) Hexachlorobutadiene	10.728	225	156948	45.13	ng	97
35) Caprolactam	11.351	113	58456	40.70	ng	89
36) 4-Chloro-3-methylphenol	11.692	107	186230	40.18	ng	97
37) 2-Methylnaphthalene	12.063	142	451078	39.95	ng	97
38) 1-Methylnaphthalene	12.287	142	429140	39.86	ng	100
40) 1,2,4,5-Tetrachloroben...	12.439	216	273639	45.70	ng	98
41) Hexachlorocyclopentadiene	12.416	237	138182	41.35	ng	99
43) 2,4,6-Trichlorophenol	12.687	196	192809	46.83	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.757	196	206201	45.37	ng		97
46) 1,1'-Biphenyl	13.092	154	615069	42.13	ng		99
47) 2-Chloronaphthalene	13.128	162	494182	42.31	ng		99
48) 2-Nitroaniline	13.339	65	121390	37.83	ng		96
49) Acenaphthylene	13.981	152	756628	42.24	ng		99
50) Dimethylphthalate	13.728	163	625561	41.45	ng		99
51) 2,6-Dinitrotoluene	13.845	165	144750	43.57	ng		88
52) Acenaphthene	14.328	154	468140	41.72	ng		96
53) 3-Nitroaniline	14.175	138	126213	41.36	ng		92
54) 2,4-Dinitrophenol	14.386	184	84236	41.97	ng		86
55) Dibenzofuran	14.663	168	794830	41.95	ng		96
56) 4-Nitrophenol	14.492	139	101956	41.49	ng		97
57) 2,4-Dinitrotoluene	14.639	165	199159	44.39	ng		89
58) Fluorene	15.316	166	659266	41.45	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.892	232	183842	45.46	ng	#	93
60) Diethylphthalate	15.098	149	613911	41.44	ng		98
61) 4-Chlorophenyl-phenyle...	15.310	204	344209	42.76	ng		98
62) 4-Nitroaniline	15.345	138	131534	40.32	ng		89
63) Azobenzene	15.604	77	535836	38.10	ng		94
65) 4,6-Dinitro-2-methylph...	15.404	198	129692	43.63	ng		92
66) n-Nitrosodiphenylamine	15.528	169	566870	41.01	ng		100
67) 4-Bromophenyl-phenylether	16.204	248	207343	44.40	ng		95
68) Hexachlorobenzene	16.316	284	230877	43.49	ng		96
69) Atrazine	16.486	200	214157	43.42	ng		96
70) Pentachlorophenol	16.663	266	144466	41.79	ng		98
71) Phenanthrene	17.051	178	1029863	40.00	ng		99
72) Anthracene	17.139	178	1039036	40.90	ng		100
73) Carbazole	17.416	167	961750	40.41	ng		99
74) Di-n-butylphthalate	17.980	149	1084487	41.97	ng		99
75) Fluoranthene	19.068	202	1265131	40.52	ng		98
77) Benzidine	19.263	184	432459	39.84	ng		99
78) Pyrene	19.433	202	1336100	40.51	ng		99
80) Butylbenzylphthalate	20.339	149	517587	41.92	ng		92
81) Benzo(a)anthracene	21.174	228	1342665	39.59	ng		99
82) 3,3'-Dichlorobenzidine	21.115	252	458276	42.30	ng	#	98
83) Chrysene	21.227	228	1314059	39.43	ng		99
84) Bis(2-ethylhexyl)phtha...	21.115	149	805718	40.72	ng		98
85) Di-n-octyl phthalate	21.980	149	1376400	41.45	ng		97
87) Indeno(1,2,3-cd)pyrene	25.568	276	1588186	39.29	ng		98
88) Benzo(b)fluoranthene	22.721	252	1392325	40.84	ng		99
89) Benzo(k)fluoranthene	22.768	252	1328304	38.88	ng		99
90) Benzo(a)pyrene	23.280	252	1292484	40.38	ng		99
91) Dibenzo(a,h)anthracene	25.580	278	1370694	39.33	ng		99
92) Benzo(g,h,i)perylene	26.244	276	1273258	39.51	ng		97

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

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