Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100421\
Data File : BM032325.D
Acq On : 04 Oct 2021 17:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/05/2021
Supervised By :mohammad ahmed 10/05/2021

Quant Time: Oct 04 17:49:49 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 18:34:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.637	152	370562	20.00	ng		0.00
21) Naphthalene-d8	10.431	136	1427640	20.00	ng	#	0.00
39) Acenaphthene-d10	14.289	164	882231	20.00	ng		0.00
64) Phenanthrene-d10	17.013	188	1781444	20.00	ng	#	0.00
76) Chrysene-d12	21.177	240	1540644	20.00	ng		0.00
86) Perylene-d12	23.330	264	1502518	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.207	112	1683102	76.53	ng		0.00
7) Phenol-d6	6.831	99	2332935	77.57	ng		0.00
23) Nitrobenzene-d5	8.795	82	2032355	79.18	ng		0.00
42) 2,4,6-Tribromophenol	15.771	330	783348	79.31	ng		0.00
45) 2-Fluorobiphenyl	12.907	172	4315283	72.73	ng		0.00
79) Terphenyl-d14	19.624	244	5493798	75.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.013	88	352847	37.70	ng		91
3) Pyridine	3.425	79	968051	38.22	ng		95
4) n-Nitrosodimethylamine	3.337	42	388272	38.23	ng	#	59
6) Aniline	6.966	93	1291260	38.86	ng		91
8) 2-Chlorophenol	7.213	128	922658	38.49	ng		91
9) Benzaldehyde	6.766	77	632689	36.04	ng		87
10) Phenol	6.854	94	1121874	38.74	ng		83
11) bis(2-Chloroethyl)ether	7.060	93	881399	38.27	ng		93
12) 1,3-Dichlorobenzene	7.531	146	1029838	38.11	ng	#	91
13) 1,4-Dichlorobenzene	7.672	146	1044648	37.99	ng		98
14) 1,2-Dichlorobenzene	7.995	146	1006731	38.14	ng		97
15) Benzyl Alcohol	7.884	79	818308	39.73	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.172	45	1111696	38.10	ng		98
17) 2-Methylphenol	8.101	107	767535	39.22	ng	#	90
18) Hexachloroethane	8.725	117	366486	39.15	ng		94
19) n-Nitroso-di-n-propyla...	8.448	70	646907	39.56	ng	#	83
20) 3+4-Methylphenols	8.431	107	1043485	39.52	ng		94
22) Acetophenone	8.460	105	1334762	38.79	ng	#	87
24) Nitrobenzene	8.837	77	980962	39.62	ng	#	89
25) Isophorone	9.354	82	1721702	40.37	ng		96
26) 2-Nitrophenol	9.548	139	481053	41.76	ng	#	74
27) 2,4-Dimethylphenol	9.625	122	764262	39.33	ng		93
28) bis(2-Chloroethoxy)met...	9.837	93	1187730	38.73	ng		99
29) 2,4-Dichlorophenol	10.089	162	857685	39.63	ng		97
30) 1,2,4-Trichlorobenzene	10.301	180	938123	38.21	ng		98
31) Naphthalene	10.478	128	2809288	38.35	ng		99
32) Benzoic acid	9.789	122	574175	40.00	ng	#	83
33) 4-Chloroaniline	10.584	127	1179441	39.00	ng	#	94
34) Hexachlorobutadiene	10.789	225	557095	37.97	ng		98
35) Caprolactam	11.348	113	276008	41.61	ng	#	80
36) 4-Chloro-3-methylphenol	11.731	107	934873	40.12	ng		97
37) 2-Methylnaphthalene	12.095	142	1929325m	38.75	ng		
38) 1-Methylnaphthalene	12.319	142	1878872	38.62	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.478	216	969588	38.15	ng	#	96
41) Hexachlorocyclopentadiene	12.472	237	496035	40.95	ng		96
43) 2,4,6-Trichlorophenol	12.719	196	697926	39.69	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.789	196	750522	39.71	ng	#	92
46) 1,1'-Biphenyl	13.113	154	2502253	38.44	ng		99
47) 2-Chloronaphthalene	13.154	162	1928889	38.63	ng		98
48) 2-Nitroaniline	13.360	65	575634	42.41	ng	#	74
49) Acenaphthylene	14.007	152	3060529	39.48	ng		99
50) Dimethylphthalate	13.742	163	2426184	38.94	ng		99
51) 2,6-Dinitrotoluene	13.854	165	514808	40.79	ng	#	64
52) Acenaphthene	14.354	154	2000637	39.12	ng		98
53) 3-Nitroaniline	14.183	138	588169	41.48	ng		86
54) 2,4-Dinitrophenol	14.383	184	308316	44.03	ng	#	64
55) Dibenzofuran	14.683	168	2972781	38.19	ng		94
56) 4-Nitrophenol	14.507	139	484253	41.41	ng	#	68
57) 2,4-Dinitrotoluene	14.642	165	702768	42.25	ng	#	59
58) Fluorene	15.330	166	2169448	36.65	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.919	232	647169	39.74	ng	#	84
60) Diethylphthalate	15.107	149	2403187	39.29	ng		95
61) 4-Chlorophenyl-phenyle...	15.319	204	1122806	36.61	ng		94
62) 4-Nitroaniline	15.348	138	589507	41.65	ng	#	70
63) Azobenzene	15.613	77	2318847	39.83	ng		85
65) 4,6-Dinitro-2-methylph...	15.407	198	442147	44.10	ng	#	74
66) n-Nitrosodiphenylamine	15.536	169	2048164	38.94	ng		98
67) 4-Bromophenyl-phenylether	16.207	248	710252	38.31	ng		94
68) Hexachlorobenzene	16.342	284	777321	38.09	ng	#	85
69) Atrazine	16.477	200	704736	39.34	ng		95
70) Pentachlorophenol	16.677	266	514961	40.88	ng		97
71) Phenanthrene	17.054	178	3569889	38.18	ng		100
72) Anthracene	17.142	178	3544370	38.79	ng		99
73) Carbazole	17.413	167	3537768	38.99	ng		98
74) Di-n-butylphthalate	17.965	149	3955164	40.58	ng	#	97
75) Fluoranthene	19.059	202	3977079	38.36	ng		96
77) Benzidine	19.236	184	1533433	40.07	ng		98
78) Pyrene	19.424	202	4077522	39.03	ng		98
80) Butylbenzylphthalate	20.312	149	1712913	43.17	ng		91
81) Benzo(a)anthracene	21.159	228	3715393	38.58	ng		98
82) 3,3'-Dichlorobenzidine	21.095	252	1220300	40.23	ng		99
83) Chrysene	21.212	228	3569934	38.32	ng		99
84) Bis(2-ethylhexyl)phtha...	21.083	149	2262190	42.28	ng	#	95
85) Di-n-octyl phthalate	21.930	149	3895232	43.42	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.477	276	3555962	38.41	ng		96
88) Benzo(b)fluoranthene	22.689	252	3458356	37.84	ng		99
89) Benzo(k)fluoranthene	22.736	252	3414807	38.25	ng		98
90) Benzo(a)pyrene	23.236	252	2903343	39.17	ng	#	98
91) Dibenzo(a,h)anthracene	25.477	278	2989609	38.30	ng	#	96
92) Benzo(g,h,i)perylene	26.130	276	2974674	38.55	ng	#	96

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

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