Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100421\
Data File : BM032317.D
Acq On : 04 Oct 2021 09:52
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 04 11:02:41 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

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2021
Supervised By :mohammad ahmed 10/05/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	376444	20.00	ng		0.00
21) Naphthalene-d8	10.430	136	1483645	20.00	ng	#	0.00
39) Acenaphthene-d10	14.289	164	924331	20.00	ng		0.00
64) Phenanthrene-d10	17.012	188	1817420	20.00	ng	#	0.00
76) Chrysene-d12	21.177	240	1506191	20.00	ng	#	0.00
86) Perylene-d12	23.330	264	1392367	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.213	112	1713370	76.69	ng		0.00
7) Phenol-d6	6.831	99	2381687	77.95	ng		0.00
23) Nitrobenzene-d5	8.795	82	2095644	78.56	ng		0.00
42) 2,4,6-Tribromophenol	15.771	330	792855	76.62	ng		0.00
45) 2-Fluorobiphenyl	12.907	172	4502539	72.43	ng		0.00
79) Terphenyl-d14	19.624	244	5480657	76.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.013	88	366812	38.58	ng		91
3) Pyridine	3.425	79	996365	38.73	ng		93
4) n-Nitrosodimethylamine	3.343	42	399125	38.68	ng	#	61
6) Aniline	6.966	93	1321634	39.15	ng		92
8) 2-Chlorophenol	7.213	128	943210	38.73	ng		92
9) Benzaldehyde	6.766	77	644869	36.16	ng		85
10) Phenol	6.860	94	1149817	39.09	ng		82
11) bis(2-Chloroethyl)ether	7.060	93	918558	39.26	ng		94
12) 1,3-Dichlorobenzene	7.531	146	1052035	38.33	ng	#	91
13) 1,4-Dichlorobenzene	7.678	146	1069623	38.29	ng		97
14) 1,2-Dichlorobenzene	8.001	146	1032710	38.51	ng		96
15) Benzyl Alcohol	7.883	79	842683	40.27	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.178	45	1172625	39.56	ng		98
17) 2-Methylphenol	8.101	107	794637	39.97	ng	#	90
18) Hexachloroethane	8.730	117	379355	39.89	ng		93
19) n-Nitroso-di-n-propyla...	8.448	70	664892	40.03	ng	#	84
20) 3+4-Methylphenols	8.431	107	1076252	40.13	ng		94
22) Acetophenone	8.460	105	1384020	38.71	ng	#	87
24) Nitrobenzene	8.836	77	1009882	39.25	ng	#	89
25) Isophorone	9.354	82	1784058	40.25	ng		96
26) 2-Nitrophenol	9.548	139	490244	40.95	ng	#	75
27) 2,4-Dimethylphenol	9.625	122	794629	39.35	ng		93
28) bis(2-Chloroethoxy)met...	9.842	93	1252819	39.31	ng		100
29) 2,4-Dichlorophenol	10.089	162	894417	39.76	ng		96
30) 1,2,4-Trichlorobenzene	10.301	180	971896	38.09	ng		98
31) Naphthalene	10.483	128	2927592	38.46	ng		100
32) Benzoic acid	9.795	122	579528	38.99	ng	#	83
33) 4-Chloroaniline	10.589	127	1233746	39.26	ng	#	94
34) Hexachlorobutadiene	10.789	225	580530	38.08	ng		98
35) Caprolactam	11.348	113	278756	40.44	ng	#	80
36) 4-Chloro-3-methylphenol	11.730	107	962695	39.75	ng		96
37) 2-Methylnaphthalene	12.095	142	2010079m	38.85	ng		
38) 1-Methylnaphthalene	12.319	142	1957256	38.71	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.477	216	1011845	38.00	ng	#	96
41) Hexachlorocyclopentadiene	12.471	237	514193	40.51	ng		99
43) 2,4,6-Trichlorophenol	12.718	196	730537	39.65	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.789	196	776618	39.22	ng	#	93
46) 1,1'-Biphenyl	13.113	154	2604342	38.18	ng		99
47) 2-Chloronaphthalene	13.154	162	2009045	38.41	ng		98
48) 2-Nitroaniline	13.360	65	587034	41.28	ng	#	77
49) Acenaphthylene	14.007	152	3176049	39.11	ng		100
50) Dimethylphthalate	13.742	163	2509821	38.45	ng		99
51) 2,6-Dinitrotoluene	13.854	165	527166	39.87	ng	#	64
52) Acenaphthene	14.354	154	2077185	38.77	ng		98
53) 3-Nitroaniline	14.183	138	593279	39.93	ng		88
54) 2,4-Dinitrophenol	14.383	184	306525	41.78	ng	#	66
55) Dibenzofuran	14.683	168	3098171	37.99	ng		94
56) 4-Nitrophenol	14.507	139	488963	39.91	ng	#	67
57) 2,4-Dinitrotoluene	14.642	165	710158	40.75	ng	#	60
58) Fluorene	15.330	166	2240052	36.12	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.918	232	664033	38.92	ng	#	84
60) Diethylphthalate	15.107	149	2482218	38.74	ng		96
61) 4-Chlorophenyl-phenyle...	15.324	204	1157469	36.02	ng		93
62) 4-Nitroaniline	15.348	138	590643	39.83	ng	#	71
63) Azobenzene	15.612	77	2412824	39.55	ng		85
65) 4,6-Dinitro-2-methylph...	15.407	198	438980	42.91	ng	#	77
66) n-Nitrosodiphenylamine	15.536	169	2092826	39.00	ng		99
67) 4-Bromophenyl-phenylether	16.206	248	736629	38.94	ng		93
68) Hexachlorobenzene	16.348	284	800211	38.43	ng	#	82
69) Atrazine	16.477	200	712794	39.00	ng		96
70) Pentachlorophenol	16.677	266	521590	40.59	ng		99
71) Phenanthrene	17.054	178	3628836	38.04	ng		100
72) Anthracene	17.142	178	3610276	38.73	ng		99
73) Carbazole	17.412	167	3548832	38.34	ng		98
74) Di-n-butylphthalate	17.965	149	4009108	40.32	ng	#	97
75) Fluoranthene	19.065	202	3976200	37.59	ng		98
77) Benzidine	19.242	184	1394757	37.28	ng		98
78) Pyrene	19.424	202	4072172	39.87	ng		98
80) Butylbenzylphthalate	20.312	149	1666900	42.97	ng		92
81) Benzo(a)anthracene	21.159	228	3634175	38.60	ng		98
82) 3,3'-Dichlorobenzidine	21.094	252	1175380	39.63	ng		99
83) Chrysene	21.212	228	3486222	38.28	ng		99
84) Bis(2-ethylhexyl)phtha...	21.083	149	2205690	42.17	ng		94
85) Di-n-octyl phthalate	21.930	149	3662265	41.75	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.471	276	3249135	37.87	ng		96
88) Benzo(b)fluoranthene	22.694	252	3256899	38.45	ng		99
89) Benzo(k)fluoranthene	22.735	252	3261221	39.41	ng		98
90) Benzo(a)pyrene	23.235	252	2711590	39.48	ng		98
91) Dibenzo(a,h)anthracene	25.471	278	2726450	37.69	ng	#	96
92) Benzo(g,h,i)perylene	26.129	276	2706106	37.84	ng	#	95

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

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