Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032621\
Data File : BM029226.D
Acq On : 26 Mar 2021 10:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/26/2021 1:31:27 PM

Quant Time: Mar 26 11:04:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 25 16:05:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	91950	20.00	ng		0.00
21) Naphthalene-d8	10.534	136	347467	20.00	ng		0.00
39) Acenaphthene-d10	14.380	164	206725	20.00	ng		0.00
64) Phenanthrene-d10	17.116	188	405142	20.00	ng		-0.01
76) Chrysene-d12	21.292	240	413935	20.00	ng		0.00
86) Perylene-d12	23.527	264	422430	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	442400	82.93	ng		0.00
7) Phenol-d6	6.922	99	627216	81.94	ng		0.00
23) Nitrobenzene-d5	8.904	82	592861	82.84	ng		0.00
42) 2,4,6-Tribromophenol	15.869	330	157698	82.37	ng		0.00
45) 2-Fluorobiphenyl	13.004	172	1174877	80.61	ng		0.00
79) Terphenyl-d14	19.739	244	1649932	80.08	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	98039	40.44	ng		97
3) Pyridine	3.693	79	253782	43.42	ng		97
4) n-Nitrosodimethylamine	3.605	42	115074	43.87	ng		97
6) Aniline	7.087	93	338353	40.80	ng		99
8) 2-Chlorophenol	7.322	128	245277	40.75	ng		99
9) Benzaldehyde	6.904	77	195364	40.64	ng		99
10) Phenol	6.946	94	308860	40.84	ng		98
11) bis(2-Chloroethyl)ether	7.187	93	224824	41.54	ng		99
12) 1,3-Dichlorobenzene	7.646	146	267356	39.71	ng		99
13) 1,4-Dichlorobenzene	7.793	146	271009	39.69	ng		100
14) 1,2-Dichlorobenzene	8.104	146	261799	39.90	ng		96
15) Benzyl Alcohol	7.993	79	228805	41.32	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.287	45	337493	40.67	ng		99
17) 2-Methylphenol	8.187	107	198649	40.88	ng		97
18) Hexachloroethane	8.828	117	99814	40.23	ng		96
19) n-Nitroso-di-n-propyla...	8.557	70	202130	40.93	ng		97
20) 3+4-Methylphenols	8.516	107	267892	41.19	ng		98
22) Acetophenone	8.569	105	352656	40.54	ng	#	98
24) Nitrobenzene	8.945	77	305646	40.92	ng		99
25) Isophorone	9.469	82	506013	41.16	ng		99
26) 2-Nitrophenol	9.657	139	111239	44.66	ng		99
27) 2,4-Dimethylphenol	9.716	122	194615	40.76	ng		99
28) bis(2-Chloroethoxy)met...	9.951	93	266529	41.00	ng		98
29) 2,4-Dichlorophenol	10.181	162	214612	41.33	ng		97
30) 1,2,4-Trichlorobenzene	10.398	180	232213	39.39	ng		99
31) Naphthalene	10.586	128	728505	39.78	ng		99
32) Benzoic acid	9.828	122	120847	39.94	ng		94
33) 4-Chloroaniline	10.692	127	294313	40.66	ng		99
34) Hexachlorobutadiene	10.875	225	135168	39.47	ng		99
35) Caprolactam	11.463	113	64003	38.60	ng		99
36) 4-Chloro-3-methylphenol	11.816	107	225283	40.64	ng		96
37) 2-Methylnaphthalene	12.198	142	513750	40.12	ng		99
38) 1-Methylnaphthalene	12.416	142	485227	39.83	ng		98
40) 1,2,4,5-Tetrachloroben...	12.569	216	229905	39.68	ng		99
41) Hexachlorocyclopentadiene	12.551	237	129532	40.75	ng		99
43) 2,4,6-Trichlorophenol	12.810	196	156926	41.61	ng		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	176855	42.18	ng	98
46) 1,1'-Biphenyl	13.216	154	630304	40.11	ng	97
47) 2-Chloronaphthalene	13.257	162	495894	40.08	ng	100
48) 2-Nitroaniline	13.457	65	157357	39.51	ng	98
49) Acenaphthylene	14.104	152	779299	41.40	ng	100
50) Dimethylphthalate	13.839	163	584529	40.46	ng	98
51) 2,6-Dinitrotoluene	13.957	165	130871	41.88	ng	98
52) Acenaphthene	14.445	154	517223m	43.24	ng	
53) 3-Nitroaniline	14.280	138	137943	43.61	ng	99
54) 2,4-Dinitrophenol	14.486	184	63278	38.12	ng	98
55) Dibenzofuran	14.780	168	754002	40.06	ng	99
56) 4-Nitrophenol	14.580	139	120498	41.70	ng	97
57) 2,4-Dinitrotoluene	14.739	165	175614	38.98	ng	98
58) Fluorene	15.427	166	615805	40.36	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.004	232	140957	41.02	ng	99
60) Diethylphthalate	15.210	149	584067	41.04	ng	100
61) 4-Chlorophenyl-phenyle...	15.427	204	278156	39.51	ng	98
62) 4-Nitroaniline	15.445	138	145000	39.17	ng	97
63) Azobenzene	15.716	77	682611	41.96	ng	99
65) 4,6-Dinitro-2-methylph...	15.504	198	92195	38.80	ng	94
66) n-Nitrosodiphenylamine	15.639	169	527697	40.69	ng	98
67) 4-Bromophenyl-phenylether	16.316	248	145691	39.23	ng	99
68) Hexachlorobenzene	16.427	284	173760	39.76	ng	97
69) Atrazine	16.586	200	170736	41.70	ng	96
70) Pentachlorophenol	16.768	266	109268	40.59	ng	99
71) Phenanthrene	17.163	178	942804	40.13	ng	99
72) Anthracene	17.251	178	931015	40.78	ng	99
73) Carbazole	17.521	167	921790	41.04	ng	99
74) Di-n-butylphthalate	18.092	149	915288	42.25	ng	99
75) Fluoranthene	19.174	202	1055735	40.68	ng	99
77) Benzidine	19.357	184	531268	44.42	ng	100
78) Pyrene	19.533	202	1114200	39.76	ng	100
80) Butylbenzylphthalate	20.439	149	401996	38.56	ng	96
81) Benzo(a)anthracene	21.274	228	1083558	40.11	ng	100
82) 3,3'-Dichlorobenzidine	21.209	252	333959	41.36	ng	99
83) Chrysene	21.327	228	1065147	39.41	ng	99
84) Bis(2-ethylhexyl)phtha...	21.215	149	598496	39.64	ng	99
85) Di-n-octyl phthalate	22.092	149	974111	39.43	ng	100
87) Indeno(1,2,3-cd)pyrene	25.791	276	1262075	40.85	ng	100
88) Benzo(b)fluoranthene	22.850	252	1100877	40.06	ng	100
89) Benzo(k)fluoranthene	22.897	252	1100908	41.23	ng	99
90) Benzo(a)pyrene	23.427	252	1014335	40.75	ng	99
91) Dibenzo(a,h)anthracene	25.803	278	1086348	41.07	ng	98
92) Benzo(g,h,i)perylene	26.480	276	1055758	40.74	ng	99

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

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