Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070120\
Data File : BM026634.D
Acq On : 01 Jul 2020 13:06
Operator : JU/CG
Sample : L3153-25MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP2-FMS

Manual Integrations APPROVED
Sohil
7/7/2020 8:17:57 AM

Quant Time: Jul 01 13:41:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 01 13:20:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	97196	20.00	ng	0.00
21) Naphthalene-d8	10.11	136	371127	20.00	ng	0.00
39) Acenaphthene-d10	14.02	164	203915	20.00	ng	0.00
64) Phenanthrene-d10	16.77	188	373237	20.00	ng	0.00
76) Chrysene-d12	20.99	240	376933	20.00	ng	0.00
86) Perylene-d12	23.07	264	420339	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	817769	148.76	ng	0.00
7) Phenol-d6	6.57	99	1113506	139.88	ng	0.00
23) Nitrobenzene-d5	8.50	82	786893	104.11	ng	0.00
42) 2,4,6-Tribromophenol	15.53	330	334317	135.34	ng	0.00
45) 2-Fluorobiphenyl	12.62	172	1439580	107.16	ng	0.00
79) Terphenyl-d14	19.43	244	1789409	92.15	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.98	88	119723	48.304	ng	94
3) Pyridine	3.36	79	313258	43.031	ng	94
4) n-Nitrosodimethylamine	3.28	42	211219	58.600	ng	85
6) Aniline	6.70	93	323129	30.947	ng	95
8) 2-Chlorophenol	6.93	128	331496	52.279	ng	98
9) Benzaldehyde	6.52	77	143412	28.253	ng	94
10) Phenol	6.60	94	448861	52.946	ng	95
11) bis(2-Chloroethyl)ether	6.80	93	325682	47.695	ng	96
12) 1,3-Dichlorobenzene	7.25	146	342530	48.791	ng	97
13) 1,4-Dichlorobenzene	7.39	146	352888	49.349	ng	100
14) 1,2-Dichlorobenzene	7.70	146	342284	49.002	ng	98
15) Benzyl Alcohol	7.61	79	317328	46.943	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.90	45	605380	47.471	ng	99
17) 2-Methylphenol	7.82	107	279508	45.110	ng	98
18) Hexachloroethane	8.41	117	137348	50.717	ng	99
19) n-Nitroso-di-n-propylamine	8.17	70	284316	45.833	ng	91
20) 3+4-Methylphenols	8.15	107	373247	44.197	ng	96
22) Acetophenone	8.18	105	487327	51.066	ng	94
24) Nitrobenzene	8.55	77	419872	53.064	ng	96
25) Isophorone	9.07	82	691907	48.725	ng	100
26) 2-Nitrophenol	9.25	139	169331	54.074	ng	90
27) 2,4-Dimethylphenol	9.33	122	272816	55.186	ng	95
28) bis(2-Chloroethoxy)methane	9.56	93	405664	50.353	ng	99
29) 2,4-Dichlorophenol	9.78	162	286956	52.905	ng	98
30) 1,2,4-Trichlorobenzene	9.99	180	313372	52.687	ng	99
31) Naphthalene	10.16	128	954833	51.054	ng	99
32) Benzoic acid	9.52	122	181127	45.826	ng	95
33) 4-Chloroaniline	10.29	127	110765	13.579	ng	96
34) Hexachlorobutadiene	10.45	225	196665	52.376	ng	99
35) Caprolactam	11.09	113	79194m	41.559	ng	
36) 4-Chloro-3-methylphenol	11.44	107	321158	48.592	ng	97
37) 2-Methylnaphthalene	11.79	142	661384	49.626	ng	99
38) 1-Methylnaphthalene	12.01	142	627671	49.717	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.17	216	339012	58.404	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.15	237	357871	104.620	ng		99
43) 2,4,6-Trichlorophenol	12.43	196	220849	56.212	ng		95
44) 2,4,5-Trichlorophenol	12.50	196	236147	51.781	ng		97
46) 1,1'-Biphenyl	12.83	154	801972	56.097	ng		100
47) 2-Chloronaphthalene	12.87	162	630715	54.315	ng		98
48) 2-Nitroaniline	13.10	65	235252	51.118	ng		96
49) Acenaphthylene	13.73	152	964820	51.948	ng		99
50) Dimethylphthalate	13.50	163	956626	64.139	ng		100
51) 2,6-Dinitrotoluene	13.61	165	161401	49.315	ng		92
52) Acenaphthene	14.08	154	581468	52.150	ng		98
53) 3-Nitroaniline	13.94	138	97081	26.638	ng		97
54) 2,4-Dinitrophenol	14.16	184	188170	94.599	ng		92
55) Dibenzofuran	14.42	168	917147	51.052	ng		99
56) 4-Nitrophenol	14.28	139	254323	87.997	ng		91
57) 2,4-Dinitrotoluene	14.42	165	221392	48.651	ng	#	86
58) Fluorene	15.07	166	731171	50.107	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.66	232	197499	50.631	ng		98
60) Diethylphthalate	14.88	149	722504	47.559	ng		100
61) 4-Chlorophenyl-phenylether	15.08	204	372103	48.076	ng		97
62) 4-Nitroaniline	15.12	138	151207m	38.904	ng		
63) Azobenzene	15.37	77	844309	50.796	ng		97
65) 4,6-Dinitro-2-methylphenol	15.19	198	124998	55.074	ng		96
66) n-Nitrosodiphenylamine	15.30	169	617578	57.117	ng		99
67) 4-Bromophenyl-phenylether	15.97	248	217901	53.034	ng		98
68) Hexachlorobenzene	16.09	284	238406	55.607	ng		98
69) Atrazine	16.27	200	184628	57.156	ng		99
70) Pentachlorophenol	16.44	266	280655	108.703	ng		99
71) Phenanthrene	16.82	178	1040048	53.510	ng		100
72) Anthracene	16.90	178	1054659	54.369	ng		100
73) Carbazole	17.19	167	916875	49.842	ng		99
74) Di-n-butylphthalate	17.77	149	1142423	52.661	ng		99
75) Fluoranthene	18.84	202	1155483	51.853	ng		99
77) Benzidine	19.05	184	512130	65.410	ng		99
78) Pyrene	19.21	202	1166312	46.830	ng		99
80) Butylbenzylphthalate	20.14	149	488663	48.520	ng		98
81) Benzo(a)anthracene	20.97	228	1160180	51.278	ng		99
82) 3,3'-Dichlorobenzidine	20.92	252	305877	43.697	ng		97
83) Chrysene	21.03	228	1148843	53.284	ng		99
84) Bis(2-ethylhexyl)phthalate	20.94	149	735429	51.212	ng		100
85) Di-n-octyl phthalate	21.79	149	1320143	59.592	ng		97
87) Indeno(1,2,3-cd)pyrene	25.10	276	1656423	68.123	ng		99
88) Benzo(b)fluoranthene	22.46	252	1294398	51.191	ng		99
89) Benzo(k)fluoranthene	22.50	252	1332676	54.250	ng		98
90) Benzo(a)pyrene	22.98	252	1237765	55.115	ng		100
91) Dibenzo(a,h)anthracene	25.10	278	1394155	68.680	ng		99
92) Benzo(g,h,i)perylene	25.71	276	1355187	70.156	ng		100

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

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