Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026739.D
Acq On : 10 Jul 2020 18:15
Operator : JU/CG
Sample : L3183-04MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-02-070720MSD

Manual Integrations APPROVED
mohammad
7/13/2020 1:03:04 PM

Quant Time: Jul 10 18:49:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 10:38:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	95549	20.00	ng		0.00
21) Naphthalene-d8	10.07	136	349296	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	188098	20.00	ng		0.00
64) Phenanthrene-d10	16.74	188	373020	20.00	ng		0.00
76) Chrysene-d12	20.97	240	418255	20.00	ng		0.00
86) Perylene-d12	23.04	264	434283	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.97	112	792666	139.05	ng		0.00
7) Phenol-d6	6.54	99	901332	99.24	ng		0.00
23) Nitrobenzene-d5	8.47	82	780572	95.34	ng		0.00
42) 2,4,6-Tribromophenol	15.50	330	359610	131.24	ng		0.00
45) 2-Fluorobiphenyl	12.59	172	1411771	99.80	ng		0.00
79) Terphenyl-d14	19.41	244	2155821	101.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.96	88	128234	46.816	ng	#	17
3) Pyridine	3.34	79	292642	37.354	ng		99
4) n-Nitrosodimethylamine	3.25	42	206854	44.114	ng		95
6) Aniline	6.67	93	330160	29.616	ng		97
8) 2-Chlorophenol	6.90	128	309199	45.533	ng		98
9) Benzaldehyde	6.48	77	82469	16.360	ng		98
10) Phenol	6.56	94	331723	36.954	ng		98
11) bis(2-Chloroethyl)ether	6.77	93	321342	42.813	ng		98
12) 1,3-Dichlorobenzene	7.21	146	339764	46.030	ng		97
13) 1,4-Dichlorobenzene	7.36	146	345879	46.035	ng		99
14) 1,2-Dichlorobenzene	7.66	146	329699	44.051	ng		99
15) Benzyl Alcohol	7.58	79	307617	39.583	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.86	45	601308	38.815	ng		99
17) 2-Methylphenol	7.79	107	249339	36.549	ng		98
18) Hexachloroethane	8.37	117	132927	44.546	ng		95
19) n-Nitroso-di-n-propylamine	8.14	70	280102	37.064	ng		95
20) 3+4-Methylphenols	8.12	107	328837	35.061	ng		98
22) Acetophenone	8.15	105	475909	47.946	ng	#	97
24) Nitrobenzene	8.52	77	400554	46.505	ng		97
25) Isophorone	9.04	82	675809	43.045	ng		98
26) 2-Nitrophenol	9.22	139	158763	49.942	ng		96
27) 2,4-Dimethylphenol	9.30	122	248943	48.158	ng		98
28) bis(2-Chloroethoxy)methane	9.53	93	399379	46.047	ng		99
29) 2,4-Dichlorophenol	9.75	162	265748	46.681	ng		99
30) 1,2,4-Trichlorobenzene	9.95	180	303276	47.753	ng		99
31) Naphthalene	10.13	128	903935	46.529	ng		98
32) Benzoic acid	9.48	122	155560	36.639	ng		96
33) 4-Chloroaniline	10.26	127	95960	11.291	ng		98
34) Hexachlorobutadiene	10.42	225	197477	46.950	ng		98
35) Caprolactam	11.06	113	63422	31.450	ng		96
36) 4-Chloro-3-methylphenol	11.40	107	294208	40.891	ng		96
37) 2-Methylnaphthalene	11.75	142	629405	43.735	ng		99
38) 1-Methylnaphthalene	11.98	142	589594	42.762	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.14	216	322713	53.072	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	229218	68.113 ng	98
43) 2,4,6-Trichlorophenol	12.40	196	207623	52.125 ng	98
44) 2,4,5-Trichlorophenol	12.47	196	219577	46.911 ng	98
46) 1,1'-Biphenyl	12.80	154	752609	50.654 ng	99
47) 2-Chloronaphthalene	12.84	162	590610	49.207 ng	99
48) 2-Nitroaniline	13.06	65	228759	46.312 ng	99
49) Acenaphthylene	13.70	152	903298	47.077 ng	100
50) Dimethylphthalate	13.47	163	934624	58.092 ng	99
51) 2,6-Dinitrotoluene	13.59	165	152720	44.328 ng	97
52) Acenaphthene	14.05	154	544914	46.729 ng	98
53) 3-Nitroaniline	13.92	138	98882	27.589 ng	98
54) 2,4-Dinitrophenol	14.13	184	104123	46.469 ng	94
55) Dibenzofuran	14.39	168	857479	44.847 ng	98
56) 4-Nitrophenol	14.26	139	213900	69.025 ng	98
57) 2,4-Dinitrotoluene	14.39	165	214738	43.186 ng	98
58) Fluorene	15.04	166	696414	43.992 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.63	232	191647	46.884 ng	98
60) Diethylphthalate	14.85	149	725878	42.668 ng	100
61) 4-Chlorophenyl-phenylether	15.05	204	360219	41.999 ng	99
62) 4-Nitroaniline	15.09	138	151825m	37.021 ng	
63) Azobenzene	15.34	77	818932	43.827 ng	100
65) 4,6-Dinitro-2-methylphenol	15.16	198	77648	30.233 ng	94
66) n-Nitrosodiphenylamine	15.27	169	594225	50.129 ng	98
67) 4-Bromophenyl-phenylether	15.95	248	215306	46.372 ng	99
68) Hexachlorobenzene	16.06	284	232787	47.637 ng	99
69) Atrazine	16.24	200	182621	51.232 ng	99
70) Pentachlorophenol	16.41	266	299255	108.250 ng	98
71) Phenanthrene	16.79	178	1033316	46.923 ng	99
72) Anthracene	16.88	178	1079557	49.245 ng	99
73) Carbazole	17.16	167	969976	46.410 ng	99
74) Di-n-butylphthalate	17.74	149	1254170	47.723 ng	99
75) Fluoranthene	18.82	202	1273746	46.962 ng	99
77) Benzidine	19.03	184	558898	67.779 ng	100
78) Pyrene	19.19	202	1301999	49.416 ng	99
80) Butylbenzylphthalate	20.13	149	590008	49.901 ng	94
81) Benzo(a)anthracene	20.95	228	1343562	47.822 ng	100
82) 3,3'-Dichlorobenzidine	20.90	252	469752	52.680 ng	100
83) Chrysene	21.00	228	1322721	48.371 ng	99
84) Bis(2-ethylhexyl)phthalate	20.92	149	922283	48.691 ng	100
85) Di-n-octyl phthalate	21.76	149	1606757	49.629 ng	100
87) Indeno(1,2,3-cd)pyrene	25.06	276	1673869	54.141 ng	100
88) Benzo(b)fluoranthene	22.43	252	1459508	51.006 ng	100
89) Benzo(k)fluoranthene	22.47	252	1375414	49.003 ng	99
90) Benzo(a)pyrene	22.95	252	1299907	48.935 ng	100
91) Dibenzo(a,h)anthracene	25.06	278	1420322	54.420 ng	99
92) Benzo(g,h,i)perylene	25.66	276	1354833	56.340 ng	98

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

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