Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026725.D
Acq On : 10 Jul 2020 09:28
Operator : JU/CG
Sample : PB129891BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB129891BS

Manual Integrations APPROVED
mohammad
7/10/2020 11:51:46 AM

Quant Time: Jul 10 10:46:00 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	74742	20.00	ng	0.00
21) Naphthalene-d8	10.07	136	338232	20.00	ng	0.00
39) Acenaphthene-d10	13.99	164	238460	20.00	ng	0.00
64) Phenanthrene-d10	16.74	188	546561	20.00	ng	0.00
76) Chrysene-d12	20.97	240	679457	20.00	ng	0.00
86) Perylene-d12	23.03	264	646387	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	634180	142.22	ng	0.00
7) Phenol-d6	6.54	99	896510	126.18	ng	0.00
23) Nitrobenzene-d5	8.47	82	609058	76.82	ng	0.00
42) 2,4,6-Tribromophenol	15.50	330	417053	120.06	ng	0.00
45) 2-Fluorobiphenyl	12.59	172	1341854	74.82	ng	0.00
79) Terphenyl-d14	19.41	244	2774642	80.37	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.95	88	78784	36.770	ng	99
3) Pyridine	3.33	79	205883	33.596	ng	100
4) n-Nitrosodimethylamine	3.25	42	144182	39.308	ng	97
6) Aniline	6.67	93	330078	37.852	ng	99
8) 2-Chlorophenol	6.90	128	229262	43.160	ng	99
9) Benzaldehyde	6.49	77	89259	22.636	ng	96
10) Phenol	6.56	94	321689	45.812	ng	100
11) bis(2-Chloroethyl)ether	6.77	93	217376	37.024	ng	99
12) 1,3-Dichlorobenzene	7.21	146	221735	38.402	ng	98
13) 1,4-Dichlorobenzene	7.36	146	227516	38.711	ng	99
14) 1,2-Dichlorobenzene	7.66	146	220732	37.702	ng	98
15) Benzyl Alcohol	7.58	79	238462	39.226	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.87	45	437061	36.067	ng	99
17) 2-Methylphenol	7.79	107	209869	39.327	ng	98
18) Hexachloroethane	8.37	117	90742	38.875	ng	96
19) n-Nitroso-di-n-propylamine	8.14	70	223407	37.792	ng	98
20) 3+4-Methylphenols	8.12	107	290367	39.578	ng	99
22) Acetophenone	8.15	105	364906	37.965	ng	99
24) Nitrobenzene	8.52	77	312193	37.431	ng	99
25) Isophorone	9.04	82	562736	37.016	ng	99
26) 2-Nitrophenol	9.22	139	124309	40.383	ng	100
27) 2,4-Dimethylphenol	9.30	122	222015	44.354	ng	98
28) bis(2-Chloroethoxy)methane	9.53	93	326494	38.875	ng	99
29) 2,4-Dichlorophenol	9.75	162	237439	43.072	ng	98
30) 1,2,4-Trichlorobenzene	9.95	180	228957	37.230	ng	100
31) Naphthalene	10.13	128	707402	37.604	ng	99
32) Benzoic acid	9.49	122	139345	34.425	ng	96
33) 4-Chloroaniline	10.26	127	243629	29.605	ng	98
34) Hexachlorobutadiene	10.42	225	144025	35.362	ng	98
35) Caprolactam	11.06	113	79028m	40.471	ng	
36) 4-Chloro-3-methylphenol	11.40	107	299201	42.945	ng	98
37) 2-Methylnaphthalene	11.75	142	547685	39.302	ng	97
38) 1-Methylnaphthalene	11.98	142	523769	39.231	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.14	216	285741	37.067	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	344167	79.543	ng		99
43) 2,4,6-Trichlorophenol	12.40	196	203160	40.232	ng		96
44) 2,4,5-Trichlorophenol	12.47	196	223789	37.714	ng		99
46) 1,1'-Biphenyl	12.80	154	715250	37.973	ng		99
47) 2-Chloronaphthalene	12.84	162	569476	37.426	ng		98
48) 2-Nitroaniline	13.07	65	245928	39.273	ng		98
49) Acenaphthylene	13.70	152	927968	38.148	ng		99
50) Dimethylphthalate	13.47	163	770821	37.792	ng		99
51) 2,6-Dinitrotoluene	13.59	165	168583	38.598	ng		99
52) Acenaphthene	14.05	154	557158	37.688	ng		98
53) 3-Nitroaniline	13.92	138	140384	30.896	ng		100
54) 2,4-Dinitrophenol	14.14	184	215313	71.840	ng		98
55) Dibenzofuran	14.39	168	923434	38.096	ng		99
56) 4-Nitrophenol	14.26	139	298576	75.605	ng		99
57) 2,4-Dinitrotoluene	14.39	165	254435	40.363	ng	#	98
58) Fluorene	15.05	166	770437	38.389	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.63	232	214895	41.469	ng		99
60) Diethylphthalate	14.85	149	822355	38.130	ng		98
61) 4-Chlorophenyl-phenylether	15.05	204	395850	36.406	ng		96
62) 4-Nitroaniline	15.10	138	180707m	34.950	ng		
63) Azobenzene	15.35	77	931334	39.316	ng		99
65) 4,6-Dinitro-2-methylphenol	15.16	198	151582	38.774	ng		100
66) n-Nitrosodiphenylamine	15.27	169	683111	39.330	ng		98
67) 4-Bromophenyl-phenylether	15.95	248	242329	35.620	ng		99
68) Hexachlorobenzene	16.06	284	267804	37.402	ng		100
69) Atrazine	16.25	200	239706	45.895	ng		99
70) Pentachlorophenol	16.41	266	345879	85.390	ng		99
71) Phenanthrene	16.79	178	1256714	38.948	ng		99
72) Anthracene	16.88	178	1290819	40.186	ng		99
73) Carbazole	17.16	167	1187688	38.784	ng		99
74) Di-n-butylphthalate	17.74	149	1521225	39.506	ng		100
75) Fluoranthene	18.82	202	1587436	39.944	ng		99
77) Benzidine	19.02	184	978649	73.058	ng		99
78) Pyrene	19.19	202	1633606	38.166	ng		99
80) Butylbenzylphthalate	20.13	149	758564	39.493	ng		96
81) Benzo(a)anthracene	20.95	228	1747473	38.288	ng		99
82) 3,3'-Dichlorobenzidine	20.90	252	473681	32.700	ng		100
83) Chrysene	21.00	228	1697341	38.209	ng		100
84) Bis(2-ethylhexyl)phthalate	20.92	149	1205730	39.184	ng		100
85) Di-n-octyl phthalate	21.76	149	2090658	39.751	ng		99
87) Indeno(1,2,3-cd)pyrene	25.05	276	1728608	37.565	ng		100
88) Benzo(b)fluoranthene	22.43	252	1810346	42.506	ng		100
89) Benzo(k)fluoranthene	22.47	252	1722856	41.240	ng		99
90) Benzo(a)pyrene	22.95	252	1581248	39.993	ng		100
91) Dibenzo(a,h)anthracene	25.06	278	1475069	37.972	ng		99
92) Benzo(g,h,i)perylene	25.65	276	1321852	36.931	ng		100

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

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