Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
Data File : BM024650.D
Acq On : 29 Jan 2020 15:05
Operator : CG/JU
Sample : PB126427BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB126427BS

Manual Integrations APPROVED
mohammad
1/30/2020 10:18:55 AM

Quant Time: Jan 30 03:33:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	354566	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1323075	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	869205	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1739009	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1131252	20.00	ng	0.00
87) Perylene-d12	23.16	264	1129273	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	2519393	135.13	ng	0.00
7) Phenol-d6	6.65	99	3135725	122.09	ng	0.00
23) Nitrobenzene-d5	8.59	82	1706944	63.27	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	1680962	118.89	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	4716996	73.78	ng	0.00
79) Terphenyl-d14	19.50	244	5801417	95.74	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	248847	33.742	ng	91
3) Pyridine	3.46	79	620884	29.041	ng	96
4) n-Nitrosodimethylamine	3.37	42	290882	30.652	ng	85
6) Aniline	6.79	93	1069115	34.194	ng	96
8) 2-Chlorophenol	7.02	128	937155	44.155	ng	92
9) Benzaldehyde	6.59	77	428736	28.252	ng	92
10) Phenol	6.67	94	1047170	40.902	ng	95
11) bis(2-Chloroethyl)ether	6.89	93	784967	38.300	ng	95
12) 1,3-Dichlorobenzene	7.33	146	1042027	39.964	ng	96
13) 1,4-Dichlorobenzene	7.47	146	1059853	40.068	ng	99
14) 1,2-Dichlorobenzene	7.79	146	1004307	39.334	ng	98
15) Benzyl Alcohol	7.69	79	769093	36.320	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.98	45	589321	31.409	ng	97
17) 2-Methylphenol	7.90	107	743366	41.203	ng	94
18) Hexachloroethane	8.50	117	369727	36.197	ng	96
19) n-Nitroso-di-n-propylamine	8.26	70	611151	31.693	ng	94
20) 3+4-Methylphenols	8.23	107	997226	39.930	ng	96
22) Acetophenone	8.26	105	1252807	36.722	ng	96
24) Nitrobenzene	8.63	77	954688	36.927	ng	94
25) Isophorone	9.16	82	1678609	36.618	ng	97
26) 2-Nitrophenol	9.33	139	542773	45.339	ng	89
27) 2,4-Dimethylphenol	9.41	122	840384	51.659	ng	95
28) bis(2-Chloroethoxy)methane	9.64	93	1054369	37.652	ng	99
29) 2,4-Dichlorophenol	9.86	162	1004944	45.724	ng	97
30) 1,2,4-Trichlorobenzene	10.07	180	1123349	42.379	ng	99
31) Naphthalene	10.25	128	2715254	40.632	ng	100
32) Benzoic acid	9.58	122	552175m	37.105	ng	
33) 4-Chloroaniline	10.36	127	439977	15.021	ng	97
34) Hexachlorobutadiene	10.55	225	741567	40.470	ng	99
35) Caprolactam	11.16	113	257591m	36.531	ng	
36) 4-Chloro-3-methylphenol	11.52	107	892496	38.189	ng	93
37) 2-Methylnaphthalene	11.87	142	2110018	40.916	ng	98
38) 1-Methylnaphthalene	12.10	142	1977544	40.313	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.26	216	1284892	41.419	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.25	237	1897816	109.143	ng		99
43) 2,4,6-Trichlorophenol	12.51	196	865629	43.849	ng		98
44) 2,4,5-Trichlorophenol	12.58	196	907553	45.015	ng		96
46) 1,1'-Biphenyl	12.92	154	2722492	41.388	ng		98
47) 2-Chloronaphthalene	12.95	162	2178539	41.024	ng		96
48) 2-Nitroaniline	13.16	65	488866	30.184	ng	#	82
49) Acenaphthylene	13.81	152	3332659	41.922	ng		99
50) Dimethylphthalate	13.57	163	2667771	37.956	ng		99
51) 2,6-Dinitrotoluene	13.67	165	602949	40.349	ng	#	83
52) Acenaphthene	14.16	154	1973429	40.004	ng		99
53) 3-Nitroaniline	14.00	138	341001	22.002	ng		96
54) 2,4-Dinitrophenol	14.21	184	487074	54.507	ng	#	87
55) Dibenzofuran	14.50	168	3240175	40.275	ng		96
56) 4-Nitrophenol	14.34	139	858823	70.888	ng		85
57) 2,4-Dinitrotoluene	14.47	165	784413	36.627	ng	#	87
58) Fluorene	15.15	166	2561198	37.882	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.73	232	810570	39.646	ng		94
60) Diethylphthalate	14.95	149	2520469	35.322	ng		98
61) 4-Chlorophenyl-phenylether	15.16	204	1470167	37.717	ng		96
62) 4-Nitroaniline	15.17	138	482330	28.193	ng		91
63) Azobenzene	15.44	77	1966015	32.301	ng		95
65) 4,6-Dinitro-2-methylphenol	15.24	198	394591	38.591	ng		86
66) n-Nitrosodiphenylamine	15.37	169	2237878	44.800	ng		99
67) 4-Bromophenyl-phenylether	16.05	248	963133	44.536	ng		94
68) Hexachlorobenzene	16.16	284	1077805	43.430	ng		98
69) Atrazine	16.34	200	832500	43.417	ng		99
70) Pentachlorophenol	16.50	266	1192707	78.901	ng		99
71) Phenanthrene	16.89	178	3775846	40.096	ng		99
72) Anthracene	16.97	178	3863877	41.933	ng		100
73) Carbazole	17.25	167	3108882	37.063	ng		99
74) Di-n-butylphthalate	17.84	149	3821876	35.640	ng		99
75) Fluoranthene	18.91	202	4042425	34.394	ng		99
77) Benzidine	19.10	184	2188550	83.072	ng		99
78) Pyrene	19.27	202	3951917	52.992	ng		100
80) Butylbenzylphthalate	20.21	149	1325875	42.369	ng		94
81) Benzo(a)anthracene	21.03	228	3209988	40.884	ng		100
82) 3,3'-Dichlorobenzidine	20.98	252	850262	30.104	ng		98
83) Chrysene	21.09	228	3034101	40.498	ng		100
84) Bis(2-ethylhexyl)phthalate	21.01	149	1757384	38.060	ng	#	97
85) Di-n-octyl phthalate	21.86	149	2644577	34.667	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.23	276	3475910	42.567	ng		98
88) Benzo(b)fluoranthene	22.54	252	2909734	39.728	ng		98
89) Benzo(k)fluoranthene	22.59	252	2853771	39.918	ng		100
90) Benzo(a)pyrene	23.07	252	2614009	39.255	ng		99
91) Dibenzo(a,h)anthracene	25.24	278	2935217	46.441	ng		98
92) Benzo(g,h,i)perylene	25.86	276	2983024	51.979	ng		99

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

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