Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
Data File : BM022434.D
Acq On : 30 Aug 2019 10:20
Operator : HP/JU
Sample : PB122644BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB122644BS

Manual Integrations APPROVED
mohammad
8/31/2019 2:43:46 PM

Quant Time: Aug 30 15:36:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 16:51:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	20185	20.00	ng		0.00
21) Naphthalene-d8	10.29	136	87025	20.00	ng		0.00
39) Acenaphthene-d10	14.19	164	61102	20.00	ng		0.00
64) Phenanthrene-d10	16.95	188	144351	20.00	ng		0.00
76) Chrysene-d12	21.17	240	196961	20.00	ng		0.00
87) Perylene-d12	23.36	264	173673	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	144191	125.39	ng		0.00
7) Phenol-d6	6.73	99	183491	119.32	ng		0.00
23) Nitrobenzene-d5	8.70	82	119997	60.40	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	127369	101.87	ng		0.00
45) 2-Fluorobiphenyl	12.79	172	295132	54.72	ng		0.00
79) Terphenyl-d14	19.60	244	728871	48.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	21239	40.026	ng	#	87
3) Pyridine	3.53	79	41509	32.521	ng		95
4) n-Nitrosodimethylamine	3.46	42	37700	42.840	ng		99
6) Aniline	6.87	93	69509	35.468	ng		98
8) 2-Chlorophenol	7.09	128	61152	46.201	ng		99
9) Benzaldehyde	6.70	77	43423	45.324	ng		93
10) Phenol	6.75	94	72664	47.037	ng		99
11) bis(2-Chloroethyl)ether	6.97	93	48932	41.971	ng		99
12) 1,3-Dichlorobenzene	7.40	146	63138	39.314	ng		98
13) 1,4-Dichlorobenzene	7.56	146	64321	39.528	ng		99
14) 1,2-Dichlorobenzene	7.86	146	63521	38.939	ng		96
15) Benzyl Alcohol	7.79	79	63272	43.370	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.04	45	60673	40.158	ng		98
17) 2-Methylphenol	7.98	107	50706	45.134	ng		98
18) Hexachloroethane	8.56	117	29136	38.618	ng		98
19) n-Nitroso-di-n-propylamine	8.34	70	46799	39.212	ng		97
20) 3+4-Methylphenols	8.31	107	68361	44.809	ng		94
22) Acetophenone	8.36	105	91464	38.061	ng	#	97
24) Nitrobenzene	8.74	77	76171	39.824	ng		97
25) Isophorone	9.25	82	125446	40.210	ng		99
26) 2-Nitrophenol	9.44	139	33343	43.519	ng		94
27) 2,4-Dimethylphenol	9.50	122	57597	50.397	ng		95
28) bis(2-Chloroethoxy)methane	9.73	93	70228	38.904	ng		96
29) 2,4-Dichlorophenol	9.97	162	65012	43.477	ng		94
30) 1,2,4-Trichlorobenzene	10.16	180	71428	37.512	ng		98
31) Naphthalene	10.35	128	178153	39.358	ng		99
32) Benzoic acid	9.70	122	38665	42.953	ng		95
33) 4-Chloroaniline	10.49	127	46147	23.694	ng		97
34) Hexachlorobutadiene	10.59	225	64526	34.357	ng		96
35) Caprolactam	11.33	113	16878m	44.408	ng		
36) 4-Chloro-3-methylphenol	11.63	107	68633	43.548	ng		99
37) 2-Methylnaphthalene	11.97	142	135906	39.510	ng		99
38) 1-Methylnaphthalene	12.19	142	128954	38.841	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.34	216	106181	36.616	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	72600	63.789	ng		95
43) 2,4,6-Trichlorophenol	12.61	196	63560	40.607	ng		98
44) 2,4,5-Trichlorophenol	12.69	196	66442	42.809	ng		94
46) 1,1'-Biphenyl	13.00	154	186473	37.350	ng		98
47) 2-Chloronaphthalene	13.05	162	150020	37.843	ng		99
48) 2-Nitroaniline	13.30	65	49563	38.819	ng		96
49) Acenaphthylene	13.90	152	239834	40.085	ng		99
50) Dimethylphthalate	13.66	163	206586	38.873	ng		100
51) 2,6-Dinitrotoluene	13.80	165	42465	40.677	ng		91
52) Acenaphthene	14.25	154	138046	38.471	ng		98
53) 3-Nitroaniline	14.14	138	28805	28.737	ng		96
54) 2,4-Dinitrophenol	14.37	184	48142	77.045	ng		100
55) Dibenzofuran	14.59	168	238008	39.374	ng		99
56) 4-Nitrophenol	14.47	139	57753	85.173	ng		99
57) 2,4-Dinitrotoluene	14.61	165	61788	41.168	ng	#	93
58) Fluorene	15.24	166	201779	37.363	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.83	232	71160	40.684	ng		99
60) Diethylphthalate	15.03	149	215896	38.893	ng		99
61) 4-Chlorophenyl-phenylether	15.24	204	132619	35.711	ng		100
62) 4-Nitroaniline	15.32	138	37338	39.798	ng		91
63) Azobenzene	15.54	77	220919	39.869	ng		99
65) 4,6-Dinitro-2-methylphenol	15.38	198	37208	43.197	ng		94
66) n-Nitrosodiphenylamine	15.47	169	169217	38.828	ng		97
67) 4-Bromophenyl-phenylether	16.14	248	83493	36.762	ng		92
68) Hexachlorobenzene	16.24	284	91459	35.550	ng		97
69) Atrazine	16.44	200	71631	38.604	ng		97
70) Pentachlorophenol	16.61	266	106146	92.243	ng		96
71) Phenanthrene	16.99	178	320457	38.085	ng		99
72) Anthracene	17.09	178	327135	39.516	ng		98
73) Carbazole	17.38	167	274819	40.161	ng		99
74) Di-n-butylphthalate	17.92	149	363780	39.205	ng		100
75) Fluoranthene	19.03	202	450440	40.199	ng		100
77) Benzidine	19.24	184	162790	49.084	ng		99
78) Pyrene	19.39	202	469177	34.953	ng		99
80) Butylbenzylphthalate	20.30	149	183280	39.125	ng		97
81) Benzo(a)anthracene	21.16	228	550410	38.934	ng		99
82) 3,3'-Dichlorobenzidine	21.10	252	170580	38.898	ng		99
83) Chrysene	21.21	228	518591	38.540	ng		99
84) Bis(2-ethylhexyl)phthalate	21.07	149	275209	43.268	ng		99
85) Di-n-octyl phthalate	21.94	149	482353	47.218	ng		99
86) Indeno(1,2,3-cd)pyrene	25.54	276	511519	37.792	ng		99
88) Benzo(b)fluoranthene	22.71	252	520322	43.126	ng		99
89) Benzo(k)fluoranthene	22.75	252	534448	44.653	ng		99
90) Benzo(a)pyrene	23.27	252	487761	45.546	ng		98
91) Dibenzo(a,h)anthracene	25.55	278	438319	41.046	ng		98
92) Benzo(g,h,i)perylene	26.21	276	376769	40.483	ng		98

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

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