Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
Data File : BM022433.D
Acq On : 30 Aug 2019 09:44
Operator : HP/JU
Sample : PB122622BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB122622BS

Manual Integrations APPROVED
mohammad
8/31/2019 2:43:45 PM

Quant Time: Aug 30 15:34:45 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	21568	20.00	ng		0.00
21) Naphthalene-d8	10.29	136	88514	20.00	ng		0.00
39) Acenaphthene-d10	14.19	164	61849	20.00	ng		0.00
64) Phenanthrene-d10	16.95	188	141279	20.00	ng		0.00
76) Chrysene-d12	21.17	240	185394	20.00	ng		0.00
87) Perylene-d12	23.36	264	165552	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	146379	119.13	ng		0.00
7) Phenol-d6	6.73	99	186730	113.64	ng		0.00
23) Nitrobenzene-d5	8.70	82	121470	60.11	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	124188	98.13	ng		0.00
45) 2-Fluorobiphenyl	12.79	172	298459	54.67	ng		0.00
79) Terphenyl-d14	19.60	244	698333	49.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	20715	36.535	ng		91
3) Pyridine	3.53	79	41766	30.624	ng		99
4) n-Nitrosodimethylamine	3.46	42	38006	40.419	ng		93
6) Aniline	6.87	93	73170	34.942	ng		99
8) 2-Chlorophenol	7.09	128	62704	44.336	ng		99
9) Benzaldehyde	6.70	77	44368	43.341	ng		91
10) Phenol	6.75	94	74641	45.218	ng		99
11) bis(2-Chloroethyl)ether	6.97	93	49028	39.357	ng		99
12) 1,3-Dichlorobenzene	7.40	146	65255	38.027	ng		97
13) 1,4-Dichlorobenzene	7.56	146	66527	38.262	ng		98
14) 1,2-Dichlorobenzene	7.86	146	63797	36.600	ng		97
15) Benzyl Alcohol	7.79	79	64684	41.495	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.05	45	61235	37.932	ng		96
17) 2-Methylphenol	7.98	107	51498	42.899	ng		95
18) Hexachloroethane	8.56	117	29165	36.178	ng		96
19) n-Nitroso-di-n-propylamine	8.34	70	46980	36.840	ng	#	95
20) 3+4-Methylphenols	8.32	107	69366	42.552	ng		98
22) Acetophenone	8.36	105	92982	38.042	ng		95
24) Nitrobenzene	8.74	77	77726	39.953	ng		96
25) Isophorone	9.25	82	125869	39.667	ng		98
26) 2-Nitrophenol	9.44	139	33547	43.049	ng		98
27) 2,4-Dimethylphenol	9.50	122	57582	49.537	ng		94
28) bis(2-Chloroethoxy)methane	9.73	93	71306	38.837	ng		97
29) 2,4-Dichlorophenol	9.97	162	66527	43.742	ng		92
30) 1,2,4-Trichlorobenzene	10.16	180	71777	37.062	ng		98
31) Naphthalene	10.35	128	181112	39.338	ng		100
32) Benzoic acid	9.70	122	41569	45.402	ng		95
33) 4-Chloroaniline	10.49	127	46487	23.467	ng		98
34) Hexachlorobutadiene	10.59	225	65409	34.241	ng		98
35) Caprolactam	11.33	113	17167m	44.409	ng		
36) 4-Chloro-3-methylphenol	11.62	107	67998	42.419	ng		99
37) 2-Methylnaphthalene	11.97	142	137383	39.267	ng		99
38) 1-Methylnaphthalene	12.19	142	130046	38.511	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.35	216	106685	36.346	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	73562	63.842 ng	95
43) 2,4,6-Trichlorophenol	12.61	196	63528	40.097 ng	97
44) 2,4,5-Trichlorophenol	12.69	196	68308	43.480 ng	96
46) 1,1'-Biphenyl	13.00	154	188596	37.319 ng	99
47) 2-Chloronaphthalene	13.05	162	149258	37.196 ng	99
48) 2-Nitroaniline	13.30	65	49644	38.413 ng	96
49) Acenaphthylene	13.90	152	242718	40.077 ng	98
50) Dimethylphthalate	13.66	163	204868	38.084 ng	99
51) 2,6-Dinitrotoluene	13.80	165	42940	40.636 ng	91
52) Acenaphthene	14.25	154	136324	37.533 ng	100
53) 3-Nitroaniline	14.14	138	27847	27.445 ng	97
54) 2,4-Dinitrophenol	14.37	184	48272	76.398 ng	96
55) Dibenzofuran	14.59	168	237877	38.877 ng	99
56) 4-Nitrophenol	14.47	139	56933	83.112 ng	100
57) 2,4-Dinitrotoluene	14.61	165	61021	40.165 ng	96
58) Fluorene	15.24	166	202560	37.055 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.83	232	67957	38.383 ng	95
60) Diethylphthalate	15.03	149	211834	37.700 ng	98
61) 4-Chlorophenyl-phenylether	15.24	204	132273	35.188 ng	94
62) 4-Nitroaniline	15.32	138	37051	39.015 ng	90
63) Azobenzene	15.54	77	215269	38.380 ng	99
65) 4,6-Dinitro-2-methylphenol	15.38	198	37627	44.633 ng	95
66) n-Nitrosodiphenylamine	15.47	169	169751	39.797 ng	98
67) 4-Bromophenyl-phenylether	16.14	248	82210	36.984 ng	95
68) Hexachlorobenzene	16.24	284	90107	35.786 ng	97
69) Atrazine	16.44	200	70668	38.913 ng	99
70) Pentachlorophenol	16.61	266	104596	92.872 ng	97
71) Phenanthrene	16.99	178	314902	38.239 ng	99
72) Anthracene	17.09	178	320897	39.605 ng	99
73) Carbazole	17.38	167	268267	40.056 ng	99
74) Di-n-butylphthalate	17.92	149	353792	38.958 ng	100
75) Fluoranthene	19.03	202	435644	39.724 ng	99
77) Benzidine	19.24	184	153471	49.161 ng	98
78) Pyrene	19.39	202	457318	36.196 ng	99
80) Butylbenzylphthalate	20.30	149	175538	39.811 ng	95
81) Benzo(a)anthracene	21.16	228	522776	39.286 ng	99
82) 3,3'-Dichlorobenzidine	21.10	252	163388	39.583 ng	98
83) Chrysene	21.21	228	499306	39.422 ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	259954	43.419 ng	99
85) Di-n-octyl phthalate	21.94	149	453674	47.182 ng	99
86) Indeno(1,2,3-cd)pyrene	25.54	276	490922	38.534 ng	99
88) Benzo(b)fluoranthene	22.71	252	491063	42.697 ng	98
89) Benzo(k)fluoranthene	22.75	252	497903	43.640 ng	100
90) Benzo(a)pyrene	23.27	252	458339	44.899 ng	98
91) Dibenzo(a,h)anthracene	25.54	278	417917	41.056 ng	98
92) Benzo(g,h,i)perylene	26.21	276	365270	41.173 ng	97

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

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