Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121718\
Data File : BM018261.D
Acq On : 17 Dec 2018 23:43
Operator : JU/SJ
Sample : PB115777BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB115777BSD

Manual Integrations APPROVED
Sohil
12/18/2018 6:15:06 PM

Quant Time: Dec 18 02:47:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	126880	20.00	ng	-0.01
21) Naphthalene-d8	10.26	136	450514	20.00	ng	-0.01
39) Acenaphthene-d10	14.15	164	208617	20.00	ng	-0.01
64) Phenanthrene-d10	16.91	188	370475	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	364349	20.00	ng	-0.01
87) Perylene-d12	23.29	264	447291	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	652136	85.86	ng	0.00
7) Phenol-d6	6.69	99	825557	78.20	ng	-0.01
23) Nitrobenzene-d5	8.65	82	797224	90.77	ng	-0.01
42) 2,4,6-Tribromophenol	15.66	330	216138	70.59	ng	-0.01
45) 2-Fluorobiphenyl	12.76	172	1510989	93.81	ng	-0.01
79) Terphenyl-d14	19.57	244	1248634	77.51	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	104010	34.569	ng	96
3) Pyridine	3.50	79	310650	35.096	ng	99
4) n-Nitrosodimethylamine	3.43	42	132858	43.608	ng	94
6) Aniline	6.84	93	198582	14.995	ng	100
8) 2-Chlorophenol	7.06	128	336527	37.500	ng	98
9) Benzaldehyde	6.66	77	104925	16.306	ng	97
10) Phenol	6.72	94	410368	36.704	ng	99
11) bis(2-Chloroethyl)ether	6.94	93	309649	34.848	ng	100
12) 1,3-Dichlorobenzene	7.38	146	358016	35.726	ng	97
13) 1,4-Dichlorobenzene	7.53	146	369212	36.282	ng	99
14) 1,2-Dichlorobenzene	7.83	146	354366	36.124	ng	98
15) Benzyl Alcohol	7.75	79	291237	33.856	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.03	45	259927	32.506	ng	95
17) 2-Methylphenol	7.95	107	267873	35.882	ng	96
18) Hexachloroethane	8.54	117	135044	36.206	ng	95
19) n-Nitroso-di-n-propylamine	8.30	70	257229	32.633	ng	98
20) 3+4-Methylphenols	8.27	107	349808	33.440	ng	99
22) Acetophenone	8.32	105	486377	40.796	ng	99
24) Nitrobenzene	8.69	77	376037	42.848	ng	96
25) Isophorone	9.21	82	636822	43.550	ng	99
26) 2-Nitrophenol	9.39	139	169446	39.366	ng	94
27) 2,4-Dimethylphenol	9.46	122	276379	44.552	ng	98
28) bis(2-Chloroethoxy)methane	9.70	93	395906	41.536	ng	100
29) 2,4-Dichlorophenol	9.93	162	272238	39.580	ng	99
30) 1,2,4-Trichlorobenzene	10.13	180	316380	40.439	ng	93
31) Naphthalene	10.30	128	943656	42.837	ng	100
32) Benzoic acid	9.63	122	163314m	27.802	ng	
33) 4-Chloroaniline	10.45	127	52300	5.420	ng	97
34) Hexachlorobutadiene	10.57	225	197901	39.995	ng	97
35) Caprolactam	11.24	113	71071m	27.117	ng	
36) 4-Chloro-3-methylphenol	11.58	107	283479	34.300	ng	97
37) 2-Methylnaphthalene	11.93	142	645216	41.532	ng	98
38) 1-Methylnaphthalene	12.16	142	611561	40.343	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.31	216	324808	45.277	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	307435	96.056	ng		97
43) 2,4,6-Trichlorophenol	12.57	196	200302	43.412	ng		93
44) 2,4,5-Trichlorophenol	12.65	196	201665	41.170	ng		94
46) 1,1'-Biphenyl	12.97	154	777225	41.412	ng		99
47) 2-Chloronaphthalene	13.01	162	590383	42.739	ng		98
48) 2-Nitroaniline	13.25	65	166597	39.151	ng		96
49) Acenaphthylene	13.87	152	920153	44.203	ng		100
50) Dimethylphthalate	13.63	163	679116	39.156	ng		99
51) 2,6-Dinitrotoluene	13.75	165	146238	38.355	ng		90
52) Acenaphthene	14.22	154	522024	41.034	ng		99
53) 3-Nitroaniline	14.09	138	58323	14.536	ng	#	84
54) 2,4-Dinitrophenol	14.31	184	122675	58.327	ng		97
55) Dibenzofuran	14.56	168	814013	39.821	ng		100
56) 4-Nitrophenol	14.42	139	191669	63.006	ng		97
57) 2,4-Dinitrotoluene	14.56	165	194392	36.886	ng	#	91
58) Fluorene	15.21	166	642978	40.726	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.79	232	163666	37.100	ng	#	96
60) Diethylphthalate	15.00	149	659540	35.238	ng		99
61) 4-Chlorophenyl-phenylether	15.21	204	331338	37.108	ng		98
62) 4-Nitroaniline	15.26	138	106908	28.081	ng		88
63) Azobenzene	15.50	77	670020	39.259	ng		98
65) 4,6-Dinitro-2-methylphenol	15.32	198	82273	30.166	ng		92
66) n-Nitrosodiphenylamine	15.43	169	538159	43.928	ng		98
67) 4-Bromophenyl-phenylether	16.11	248	188267	41.960	ng		97
68) Hexachlorobenzene	16.22	284	206394	41.989	ng		98
69) Atrazine	16.40	200	178224	43.092	ng		99
70) Pentachlorophenol	16.57	266	217933	67.133	ng		99
71) Phenanthrene	16.96	178	852515	42.364	ng		100
72) Anthracene	17.04	178	878394	43.999	ng		100
73) Carbazole	17.33	167	733606	35.802	ng		99
74) Di-n-butylphthalate	17.90	149	954657	37.759	ng		99
75) Fluoranthene	18.99	202	886903	37.908	ng		99
77) Benzidine	19.20	184	357953	38.743	ng		100
78) Pyrene	19.35	202	901966	41.547	ng		99
80) Butylbenzylphthalate	20.27	149	379714	36.766	ng		95
81) Benzo(a)anthracene	21.12	228	916451	43.059	ng		100
82) 3,3'-Dichlorobenzidine	21.06	252	279176	32.833	ng		95
83) Chrysene	21.17	228	872009	42.596	ng		99
84) Bis(2-ethylhexyl)phthalate	21.06	149	565376	36.731	ng		98
85) Di-n-octyl phthalate	21.92	149	995040	39.472	ng		100
86) Indeno(1,2,3-cd)pyrene	25.43	276	1398862	68.598	ng		99
88) Benzo(b)fluoranthene	22.65	252	1071062	42.629	ng		99
89) Benzo(k)fluoranthene	22.70	252	1011893	40.439	ng		99
90) Benzo(a)pyrene	23.20	252	1054810	44.141	ng		100
91) Dibenzo(a,h)anthracene	25.43	278	1187966	53.667	ng		99
92) Benzo(g,h,i)perylene	26.07	276	1172712	56.045	ng		99

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

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