Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109654.D
Acq On : 8 Oct 2018 18:13
Operator : JU/SJ
Sample : PB113588BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB113588BS

Manual Integrations APPROVED
Sohil
10/9/2018 2:57:27 PM

Quant Time: Oct 09 04:09:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	115637	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	496129	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	238063	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	452119	20.00	ng		0.00
75) Chrysene-d12	13.83	240	280611	20.00	ng		0.00
86) Perylene-d12	15.22	264	229652	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	759690	116.61	ng		0.01
7) Phenol-d6	6.36	99	948386	108.97	ng		0.00
23) Nitrobenzene-d5	7.26	82	621300	69.03	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	264774	102.07	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1182748	68.42	ng		0.00
78) Terphenyl-d14	12.79	244	1062830	73.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	103959	30.406	ng		98
3) Pyridine	3.20	79	214707	30.438	ng		98
4) n-Nitrosodimethylamine	3.14	42	121996	47.916	ng		95
6) Aniline	6.37	93	322650	31.826	ng	#	68
8) 2-Chlorophenol	6.49	128	336868	42.045	ng		99
9) Benzaldehyde	6.25	77	128303	22.910	ng		99
10) Phenol	6.37	94	392328	39.314	ng		89
11) bis(2-Chloroethyl)ether	6.44	93	294858	35.639	ng		100
12) 1,3-Dichlorobenzene	6.64	146	354138	38.645	ng		99
13) 1,4-Dichlorobenzene	6.72	146	378139	37.855	ng		98
14) 1,2-Dichlorobenzene	6.87	146	344781	39.302	ng		99
15) Benzyl Alcohol	6.86	79	274382	42.528	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	430480	39.240	ng		98
17) 2-Methylphenol	6.97	107	268126	42.318	ng		99
18) Hexachloroethane	7.20	117	133673	37.859	ng		93
19) n-Nitroso-di-n-propylamine	7.12	70	238795	39.127	ng		98
20) 3+4-Methylphenols	7.13	107	336908	43.153	ng		98
22) Acetophenone	7.11	105	485083	40.433	ng		99
24) Nitrobenzene	7.28	77	362250	38.680	ng		98
25) Isophorone	7.52	82	661833	44.283	ng		99
26) 2-Nitrophenol	7.60	139	179975	41.084	ng		100
27) 2,4-Dimethylphenol	7.65	122	296297	46.839	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	413080	40.861	ng		100
29) 2,4-Dichlorophenol	7.85	162	293692	41.391	ng		97
30) 1,2,4-Trichlorobenzene	7.92	180	300859	38.303	ng		99
31) Naphthalene	8.00	128	959422	41.815	ng		99
32) Benzoic acid	7.78	122	69376	15.339	ng		91
33) 4-Chloroaniline	8.06	127	304152	30.102	ng		99
34) Hexachlorobutadiene	8.12	225	180897	37.040	ng		99
35) Caprolactam	8.43	113	78899m	37.234	ng		
36) 4-Chloro-3-methylphenol	8.55	107	309935	41.380	ng		99
37) 2-Methylnaphthalene	8.69	142	656852	43.704	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	304822	37.615	ng		99
40) Hexachlorocyclopentadiene	8.85	237	269282	76.259	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	196222	40.505	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	215762	38.736	ng		96
45) 1,1'-Biphenyl	9.16	154	786094	36.962	ng		99
46) 2-Chloronaphthalene	9.18	162	610262	38.301	ng		99
47) 2-Nitroaniline	9.28	65	192067	39.811	ng		99
48) Acenaphthylene	9.59	152	948745	40.844	ng		99
49) Dimethylphthalate	9.46	163	701924	40.203	ng		100
50) 2,6-Dinitrotoluene	9.52	165	153782	40.633	ng		98
51) Acenaphthene	9.76	154	540447	39.248	ng		98
52) 3-Nitroaniline	9.69	138	127570	30.070	ng		99
53) 2,4-Dinitrophenol	9.80	184	77009	63.067	ng		92
54) Dibenzofuran	9.93	168	801653	38.838	ng		99
55) 4-Nitrophenol	9.88	139	180755	77.838	ng		98
56) 2,4-Dinitrotoluene	9.93	165	188983	40.013	ng		97
57) Fluorene	10.27	166	634093	41.137	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	171799	37.943	ng		97
59) Diethylphthalate	10.16	149	686115	39.661	ng		100
60) 4-Chlorophenyl-phenylether	10.27	204	301751	37.107	ng		97
61) 4-Nitroaniline	10.31	138	146738	37.348	ng		97
62) Azobenzene	10.43	77	685555	39.025	ng		99
64) 4,6-Dinitro-2-methylphenol	10.34	198	68658	31.200	ng		97
65) n-Nitrosodiphenylamine	10.39	169	583476	38.069	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	202458	38.972	ng		92
67) Hexachlorobenzene	10.82	284	211451	37.589	ng	#	90
68) Atrazine	10.92	200	178040	37.222	ng		98
69) Pentachlorophenol	11.02	266	177743	56.152	ng		99
70) Phenanthrene	11.23	178	924874	40.877	ng		99
71) Anthracene	11.28	178	955940	40.872	ng		99
72) Carbazole	11.44	167	850882	37.510	ng		100
73) Di-n-butylphthalate	11.77	149	1025753	38.987	ng		100
74) Fluoranthene	12.41	202	948844	40.143	ng		99
76) Benzidine	12.53	184	282677	27.118	ng		98
77) Pyrene	12.64	202	923406	44.914	ng		99
79) Butylbenzylphthalate	13.26	149	389254	43.670	ng		99
80) Benzo(a)anthracene	13.82	228	644172	41.599	ng		100
81) 3,3'-Dichlorobenzidine	13.79	252	180936	29.018	ng		97
82) Chrysene	13.86	228	665582	40.920	ng		100
83) Bis(2-ethylhexyl)phthalate	13.82	149	464342	42.698	ng		99
84) Di-n-octyl phthalate	14.42	149	728072	42.356	ng		99
85) Indeno(1,2,3-cd)pyrene	16.58	276	632104	54.294	ng		100
87) Benzo(b)fluoranthene	14.83	252	541419	42.662	ng		99
88) Benzo(k)fluoranthene	14.86	252	560254	43.937	ng		99
89) Benzo(a)pyrene	15.17	252	526331	45.701	ng		100
90) Dibenzo(a,h)anthracene	16.59	278	524545	55.458	ng		98
91) Benzo(g,h,i)perylene	16.98	276	550919	58.329	ng		98

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

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