Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113376.D
Acq On : 28 Mar 2019 16:12
Operator : JU/SJ
Sample : PB118325BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB118325BS

Manual Integrations APPROVED
Sohil
3/29/2019 4:47:19 PM

Quant Time: Mar 28 18:21:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	195417	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	735751	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	371589	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	781498	20.00	ng	0.00
76) Chrysene-d12	13.85	240	617057	20.00	ng	0.00
87) Perylene-d12	15.24	264	519862	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1393336	116.59	ng	0.01
7) Phenol-d6	6.36	99	1764709	116.72	ng	0.00
23) Nitrobenzene-d5	7.27	82	1126830	90.90	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	576548	125.61	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	2047774	86.73	ng	0.00
79) Terphenyl-d14	12.80	244	2383819	85.15	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	172243	28.406	ng	99
3) Pyridine	3.13	79	485027	32.447	ng	98
4) n-Nitrosodimethylamine	3.05	42	235548	35.445	ng	91
6) Aniline	6.37	93	445586	24.201	ng	92
8) 2-Chlorophenol	6.50	128	517940	37.320	ng	96
9) Benzaldehyde	6.25	77	249138	24.557	ng	98
10) Phenol	6.37	94	617706	35.787	ng	80
11) bis(2-Chloroethyl)ether	6.45	93	516158	39.012	ng	100
12) 1,3-Dichlorobenzene	6.65	146	553335	36.988	ng	99
13) 1,4-Dichlorobenzene	6.72	146	565406	39.144	ng	99
14) 1,2-Dichlorobenzene	6.87	146	509090	35.825	ng	99
15) Benzyl Alcohol	6.86	79	419953	42.104	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.99	45	764878	38.482	ng	88
17) 2-Methylphenol	6.97	107	425028	39.078	ng	99
18) Hexachloroethane	7.22	117	205730	39.655	ng	99
19) n-Nitroso-di-n-propylamine	7.13	70	350059	36.861	ng	99
20) 3+4-Methylphenols	7.13	107	532429	42.143	ng	96
22) Acetophenone	7.12	105	711846	42.425	ng	97
24) Nitrobenzene	7.29	77	546793	42.271	ng	99
25) Isophorone	7.53	82	1023252	42.595	ng	100
26) 2-Nitrophenol	7.60	139	295341	43.195	ng	98
27) 2,4-Dimethylphenol	7.66	122	474714	48.266	ng	96
28) bis(2-Chloroethoxy)methane	7.74	93	657695	43.475	ng	100
29) 2,4-Dichlorophenol	7.86	162	468815	43.985	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	490214	42.630	ng	98
31) Naphthalene	8.01	128	1487624	41.375	ng	100
32) Benzoic acid	7.76	122	46432	5.865	ng	96
33) 4-Chloroaniline	8.06	127	271682	19.378	ng	99
34) Hexachlorobutadiene	8.13	225	285721	41.805	ng	98
35) Caprolactam	8.45	113	157153m	45.941	ng	
36) 4-Chloro-3-methylphenol	8.56	107	485089	45.249	ng	100
37) 2-Methylnaphthalene	8.70	142	1024730	45.677	ng	99
38) 1-Methylnaphthalene	8.80	142	960766	44.524	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	474736	39.800	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	450996	89.327	ng		100
43) 2,4,6-Trichlorophenol	8.99	196	339679	43.731	ng		98
44) 2,4,5-Trichlorophenol	9.03	196	372829	43.372	ng		96
46) 1,1'-Biphenyl	9.16	154	1240254	39.963	ng		99
47) 2-Chloronaphthalene	9.19	162	967942	40.508	ng		100
48) 2-Nitroaniline	9.29	65	316738	42.239	ng		98
49) Acenaphthylene	9.60	152	1548135	40.069	ng		99
50) Dimethylphthalate	9.47	163	1203245	43.694	ng		99
51) 2,6-Dinitrotoluene	9.53	165	269243	43.339	ng		97
52) Acenaphthene	9.77	154	885097	40.679	ng		99
53) 3-Nitroaniline	9.70	138	205561	29.341	ng		99
54) 2,4-Dinitrophenol	9.81	184	118493	38.349	ng		95
55) Dibenzofuran	9.95	168	1327638	40.588	ng		100
56) 4-Nitrophenol	9.89	139	381904	76.461	ng		90
57) 2,4-Dinitrotoluene	9.94	165	334573	42.349	ng		96
58) Fluorene	10.29	166	1031963	40.611	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	313497	43.126	ng		98
60) Diethylphthalate	10.17	149	1190133	44.056	ng		98
61) 4-Chlorophenyl-phenylether	10.27	204	522699	42.205	ng		97
62) 4-Nitroaniline	10.32	138	320088	44.375	ng		98
63) Azobenzene	10.44	77	1087668	42.772	ng		99
65) 4,6-Dinitro-2-methylphenol	10.35	198	126021	29.478	ng		96
66) n-Nitrosodiphenylamine	10.40	169	985882	41.112	ng		99
67) 4-Bromophenyl-phenylether	10.76	248	355096	41.689	ng		99
68) Hexachlorobenzene	10.84	284	409829	41.452	ng		99
69) Atrazine	10.93	200	308899	40.810	ng		99
70) Pentachlorophenol	11.03	266	338254	65.667	ng		98
71) Phenanthrene	11.25	178	1570790	40.475	ng		100
72) Anthracene	11.29	178	1653835	41.954	ng		99
73) Carbazole	11.45	167	1577443	41.936	ng		100
74) Di-n-butylphthalate	11.78	149	1907624	43.733	ng		99
75) Fluoranthene	12.43	202	1786929	40.729	ng		99
77) Benzidine	12.55	184	539276	22.822	ng	#	94
78) Pyrene	12.65	202	1827945	42.749	ng		99
80) Butylbenzylphthalate	13.27	149	864575	45.879	ng		100
81) Benzo(a)anthracene	13.84	228	1492941	42.267	ng		100
82) 3,3'-Dichlorobenzidine	13.80	252	312814	22.076	ng		99
83) Chrysene	13.87	228	1501135	41.841	ng		98
84) Bis(2-ethylhexyl)phthalate	13.83	149	1063936	46.054	ng		99
85) Di-n-octyl phthalate	14.44	149	1897791	48.396	ng		100
86) Indeno(1,2,3-cd)pyrene	16.61	276	1397971	45.403	ng		99
88) Benzo(b)fluoranthene	14.86	252	1482069	45.893	ng		99
89) Benzo(k)fluoranthene	14.89	252	1282907	45.237	ng		99
90) Benzo(a)pyrene	15.19	252	1294337	45.210	ng		98
91) Dibenzo(a,h)anthracene	16.62	278	1163828	47.014	ng		98
92) Benzo(g,h,i)perylene	17.02	276	1215896	48.714	ng		99

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

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