Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108285.D
Acq On : 20 Aug 2018 13:05
Operator : JU/SJ
Sample : PB112152BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112152BS

Manual Integrations APPROVED
Sohil
8/21/2018 6:33:30 PM

Quant Time: Aug 20 13:45:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	161558	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	652186	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	333999	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	686626	20.00	ng		0.00
75) Chrysene-d12	14.22	240	545887	20.00	ng		0.00
86) Perylene-d12	15.78	264	397434	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	1193432	133.74	ng		0.03
7) Phenol-d6	6.65	99	1595845	134.58	ng		0.02
23) Nitrobenzene-d5	7.58	82	1040942	89.06	ng		0.00
41) 2,4,6-Tribromophenol	10.87	330	505103	151.61	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	1983566	95.35	ng		0.00
78) Terphenyl-d14	13.15	244	2364921	110.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	180654	39.399	ng		90
3) Pyridine	3.77	79	506192	42.855	ng		90
4) n-Nitrosodimethylamine	3.74	42	269111	40.490	ng	#	85
6) Aniline	6.68	93	556187	34.482	ng		97
8) 2-Chlorophenol	6.81	128	498038	49.554	ng		98
9) Benzaldehyde	6.57	77	221376	24.079	ng		97
10) Phenol	6.66	94	623165	50.804	ng		95
11) bis(2-Chloroethyl)ether	6.75	93	474858	47.885	ng		91
12) 1,3-Dichlorobenzene	6.96	146	549723	47.305	ng		99
13) 1,4-Dichlorobenzene	7.04	146	553822	47.434	ng		97
14) 1,2-Dichlorobenzene	7.19	146	519528	47.837	ng		97
15) Benzyl Alcohol	7.15	79	426522	42.725	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	882770	43.212	ng		99
17) 2-Methylphenol	7.26	107	450084	52.221	ng		94
18) Hexachloroethane	7.53	117	199271	47.939	ng		88
19) n-Nitroso-di-n-propylamine	7.42	70	368361	45.936	ng		92
20) 3+4-Methylphenols	7.41	107	534917	48.432	ng	#	84
22) Acetophenone	7.42	105	704065	46.169	ng	#	94
24) Nitrobenzene	7.60	77	547408	46.317	ng		97
25) Isophorone	7.84	82	1018861	45.736	ng		98
26) 2-Nitrophenol	7.91	139	243550	54.567	ng		92
27) 2,4-Dimethylphenol	7.94	122	478430	48.389	ng		98
28) bis(2-Chloroethoxy)methane	8.04	93	612786	47.120	ng		99
29) 2,4-Dichlorophenol	8.15	162	451463	49.618	ng		99
30) 1,2,4-Trichlorobenzene	8.24	180	475381	47.387	ng		97
31) Naphthalene	8.32	128	1442157	48.623	ng		99
32) Benzoic acid	8.07	122	204712	37.213	ng		94
33) 4-Chloroaniline	8.37	127	388701	30.072	ng		98
34) Hexachlorobutadiene	8.43	225	300631	47.338	ng		99
35) Caprolactam	8.74	113	127661m	44.772	ng		
36) 4-Chloro-3-methylphenol	8.85	107	467717	47.650	ng		98
37) 2-Methylnaphthalene	9.01	142	1014076	48.324	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	501234	48.869	ng		98
40) Hexachlorocyclopentadiene	9.17	237	525903	79.382	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	330465	51.920	ng		100
43) 2,4,5-Trichlorophenol	9.34	196	362648	51.758	ng		94
45) 1,1'-Biphenyl	9.48	154	1216278	49.391	ng		99
46) 2-Chloronaphthalene	9.51	162	958484	49.246	ng		99
47) 2-Nitroaniline	9.60	65	320369	50.872	ng		85
48) Acenaphthylene	9.93	152	1525680	49.583	ng		99
49) Dimethylphthalate	9.78	163	1131284	48.624	ng	#	99
50) 2,6-Dinitrotoluene	9.84	165	249893	51.337	ng		90
51) Acenaphthene	10.10	154	903861	47.959	ng		99
52) 3-Nitroaniline	10.02	138	197502	37.084	ng		98
53) 2,4-Dinitrophenol	10.12	184	180060	97.189	ng	#	20
54) Dibenzofuran	10.27	168	1323801	48.483	ng		95
55) 4-Nitrophenol	10.18	139	374260	92.800	ng		84
56) 2,4-Dinitrotoluene	10.25	165	340966	54.419	ng	#	99
57) Fluorene	10.62	166	1055137	48.816	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.39	232	306698	52.371	ng	#	85
59) Diethylphthalate	10.48	149	1085966	48.203	ng		95
60) 4-Chlorophenyl-phenylether	10.60	204	542365	48.156	ng		94
61) 4-Nitroaniline	10.64	138	267985	50.894	ng		95
62) Azobenzene	10.77	77	1099747	47.268	ng		93
64) 4,6-Dinitro-2-methylphenol	10.67	198	125307	48.541	ng		82
65) n-Nitrosodiphenylamine	10.72	169	958674	47.248	ng		98
66) 4-Bromophenyl-phenylether	11.10	248	361265	48.415	ng	#	88
67) Hexachlorobenzene	11.17	284	372683	47.469	ng	#	89
68) Atrazine	11.25	200	329016	48.345	ng		96
69) Pentachlorophenol	11.37	266	366521	97.536	ng		97
70) Phenanthrene	11.59	178	1549049	47.831	ng		99
71) Anthracene	11.64	178	1592674	47.982	ng		98
72) Carbazole	11.80	167	1425099	48.323	ng		99
73) Di-n-butylphthalate	12.11	149	1678696	50.254	ng		99
74) Fluoranthene	12.78	202	1714591	48.510	ng		95
76) Benzidine	12.90	184	720102	35.307	ng		99
77) Pyrene	13.02	202	1709433	49.462	ng		99
79) Butylbenzylphthalate	13.61	149	721173	52.551	ng		95
80) Benzo(a)anthracene	14.21	228	1500445	47.894	ng		97
81) 3,3'-Dichlorobenzidine	14.17	252	376152	33.503	ng	#	97
82) Chrysene	14.25	228	1364763	47.517	ng		97
83) Bis(2-ethylhexyl)phthalate	14.17	149	923837	49.712	ng		100
84) Di-n-octyl phthalate	14.79	149	1453570	51.286	ng		97
85) Indeno(1,2,3-cd)pyrene	17.41	276	1045850	42.026	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	1216884m	51.241	ng		
88) Benzo(k)fluoranthene	15.34	252	1144628	52.433	ng	#	96
89) Benzo(a)pyrene	15.71	252	1081735	50.867	ng		97
90) Dibenzo(a,h)anthracene	17.42	278	866002	49.217	ng	#	94
91) Benzo(g,h,i)perylene	17.91	276	866463	50.009	ng	#	90

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

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