Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122818\
Data File : BF111788.D
Acq On : 28 Dec 2018 15:03
Operator : JU/SJ
Sample : J6579-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TN-122618-CMS

Manual Integrations APPROVED
Sohil
1/2/2019 2:51:30 PM

Quant Time: Dec 30 21:20:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	164314	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	630602	20.00	ng		0.00
39) Acenaphthene-d10	9.95	164	327401	20.00	ng		0.01
64) Phenanthrene-d10	11.43	188	615795	20.00	ng		0.01
76) Chrysene-d12	14.07	240	404187	20.00	ng		0.02
87) Perylene-d12	15.56	264	345971	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1028995	106.74	ng		0.04
7) Phenol-d6	6.55	99	1357972	110.69	ng		0.03
23) Nitrobenzene-d5	7.46	82	877251	80.97	ng		0.00
42) 2,4,6-Tribromophenol	10.74	330	455147	117.65	ng		0.02
45) 2-Fluorobiphenyl	9.26	172	1660451	73.92	ng		0.00
79) Terphenyl-d14	13.02	244	1736129	81.46	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	114773	25.306	ng		96
3) Pyridine	3.53	79	273083	23.111	ng		97
4) n-Nitrosodimethylamine	3.46	42	201698	34.879	ng		83
6) Aniline	6.56	93	253570	16.215	ng	#	1
8) 2-Chlorophenol	6.70	128	362624	33.958	ng		99
9) Benzaldehyde	6.45	77	201107	23.835	ng		98
10) Phenol	6.56	94	521646	37.685	ng		80
11) bis(2-Chloroethyl)ether	6.64	93	335119	32.308	ng		98
12) 1,3-Dichlorobenzene	6.85	146	402814	32.550	ng		97
13) 1,4-Dichlorobenzene	6.92	146	406589	32.396	ng		98
14) 1,2-Dichlorobenzene	7.07	146	386204	32.982	ng		98
15) Benzyl Alcohol	7.05	79	337959	34.686	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	559071	29.265	ng		76
17) 2-Methylphenol	7.16	107	293726	34.352	ng	#	92
18) Hexachloroethane	7.42	117	144237	34.104	ng	#	88
19) n-Nitroso-di-n-propylamine	7.32	70	263072	32.289	ng		100
20) 3+4-Methylphenols	7.32	107	378278	35.012	ng	#	78
22) Acetophenone	7.31	105	506000	31.673	ng	#	92
24) Nitrobenzene	7.48	77	397420	35.001	ng		97
25) Isophorone	7.72	82	699465	36.368	ng		99
26) 2-Nitrophenol	7.80	139	195688	42.494	ng	#	90
27) 2,4-Dimethylphenol	7.85	122	330221	36.377	ng		95
28) bis(2-Chloroethoxy)methane	7.93	93	433136	33.843	ng		99
29) 2,4-Dichlorophenol	8.05	162	336977	34.512	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	351909	32.343	ng		97
31) Naphthalene	8.21	128	1071667	35.369	ng		97
32) Benzoic acid	7.93	122	65372m	10.891	ng		
33) 4-Chloroaniline	8.25	127	132905	10.148	ng		98
34) Hexachlorobutadiene	8.33	225	209546	31.599	ng		98
35) Caprolactam	8.61	113	98231m	29.690	ng		
36) 4-Chloro-3-methylphenol	8.75	107	337686	35.183	ng		98
37) 2-Methylnaphthalene	8.90	142	738068	37.441	ng		97
38) 1-Methylnaphthalene	9.00	142	699543	36.949	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	352190	32.736	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	433946	83.121	ng		100
43) 2,4,6-Trichlorophenol	9.18	196	242984	33.828	ng		99
44) 2,4,5-Trichlorophenol	9.23	196	256899	34.863	ng	#	90
46) 1,1'-Biphenyl	9.36	154	921280	33.334	ng		95
47) 2-Chloronaphthalene	9.39	162	716173	32.706	ng		93
48) 2-Nitroaniline	9.48	65	220774	38.756	ng		97
49) Acenaphthylene	9.80	152	1145631	35.834	ng		96
50) Dimethylphthalate	9.66	163	1135959	47.447	ng		98
51) 2,6-Dinitrotoluene	9.72	165	189607	39.717	ng		94
52) Acenaphthene	9.98	154	725606	36.798	ng		97
53) 3-Nitroaniline	9.89	138	118539	23.282	ng		100
54) 2,4-Dinitrophenol	10.00	184	130626	84.780	ng	#	85
55) Dibenzofuran	10.15	168	1009661	33.892	ng		95
56) 4-Nitrophenol	10.07	139	279627	71.966	ng		90
57) 2,4-Dinitrotoluene	10.13	165	256514	44.707	ng	#	88
58) Fluorene	10.49	166	797324	37.142	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	224143	36.144	ng		91
60) Diethylphthalate	10.36	149	833295	35.481	ng		98
61) 4-Chlorophenyl-phenylether	10.48	204	398212	33.576	ng		96
62) 4-Nitroaniline	10.51	138	186100	37.607	ng		90
63) Azobenzene	10.64	77	768354	32.588	ng		95
65) 4,6-Dinitro-2-methylphenol	10.53	198	114391	45.373	ng		90
66) n-Nitrosodiphenylamine	10.60	169	699072	33.819	ng		99
67) 4-Bromophenyl-phenylether	10.97	248	254168	33.278	ng		97
68) Hexachlorobenzene	11.05	284	281255	33.027	ng		96
69) Atrazine	11.13	200	236956	32.997	ng		95
70) Pentachlorophenol	11.24	266	274155	52.074	ng		95
71) Phenanthrene	11.46	178	1224656	37.499	ng		95
72) Anthracene	11.51	178	1190419	36.315	ng		95
73) Carbazole	11.66	167	1036765	32.577	ng		96
74) Di-n-butylphthalate	11.99	149	1258591	35.272	ng		96
75) Fluoranthene	12.64	202	1218830	36.855	ng		95
77) Benzidine	12.76	184	172587	11.347	ng		97
78) Pyrene	12.87	202	1204615	42.204	ng		97
80) Butylbenzylphthalate	13.48	149	463521	39.839	ng		94
81) Benzo(a)anthracene	14.06	228	872844	37.840	ng		98
82) 3,3'-Dichlorobenzidine	14.02	252	141162	15.489	ng	#	96
83) Chrysene	14.10	228	801947	35.373	ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	607012	41.419	ng	#	98
85) Di-n-octyl phthalate	14.66	149	894437	39.392	ng		96
86) Indeno(1,2,3-cd)pyrene	17.07	276	789977	40.989	ng	#	87
88) Benzo(b)fluoranthene	15.13	252	734514	36.326	ng	#	94
89) Benzo(k)fluoranthene	15.16	252	678483	35.246	ng	#	95
90) Benzo(a)pyrene	15.50	252	684002m	37.235	ng		
91) Dibenzo(a,h)anthracene	17.09	278	644218	40.048	ng	#	91
92) Benzo(g,h,i)perylene	17.53	276	659441	41.982	ng	#	88

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

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