Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110290.D
Acq On : 30 Oct 2018 4:03
Operator : JU/SJ
Sample : J5696-02MS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DL-SED-01MS

Manual Integrations APPROVED
Sohil
10/30/2018 3:04:41 PM

Quant Time: Oct 30 09:24:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 17:29:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	93792	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	333581	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	130197	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	205551	20.00	ng		0.00
76) Chrysene-d12	14.16	240	131190	20.00	ng		0.00
87) Perylene-d12	15.70	264	99222	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	701394	121.78	ng		0.02
7) Phenol-d6	6.60	99	843942	114.56	ng		0.01
23) Nitrobenzene-d5	7.54	82	504306	89.67	ng		0.00
42) 2,4,6-Tribromophenol	10.81	330	124052	96.19	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	751910	90.69	ng		0.00
79) Terphenyl-d14	13.09	244	517709	82.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	80639	26.723	ng		89
3) Pyridine	3.66	79	209738	31.206	ng	#	82
4) n-Nitrosodimethylamine	3.61	42	118233	41.988	ng		89
6) Aniline	6.64	93	101137	10.539	ng	#	59
8) 2-Chlorophenol	6.76	128	235295	35.434	ng		98
9) Benzaldehyde	6.53	77	111325	23.039	ng		90
10) Phenol	6.62	94	313330	39.789	ng	#	68
11) bis(2-Chloroethyl)ether	6.70	93	240199	37.075	ng		93
12) 1,3-Dichlorobenzene	6.92	146	256878	35.152	ng		97
13) 1,4-Dichlorobenzene	6.99	146	258043	34.915	ng		98
14) 1,2-Dichlorobenzene	7.15	146	241855	35.251	ng		99
15) Benzyl Alcohol	7.11	79	196394	34.661	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.24	45	346681	33.468	ng		70
17) 2-Methylphenol	7.22	107	181179	34.236	ng	#	82
18) Hexachloroethane	7.48	117	56963	21.052	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	160175	33.891	ng		98
20) 3+4-Methylphenols	7.37	107	227134	33.204	ng	#	63
22) Acetophenone	7.38	105	326486	42.476	ng		96
24) Nitrobenzene	7.56	77	225003	38.751	ng		93
25) Isophorone	7.79	82	416306	43.425	ng		95
26) 2-Nitrophenol	7.87	139	53433	19.338	ng		96
27) 2,4-Dimethylphenol	7.90	122	189117	41.282	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	273153	41.942	ng		99
29) 2,4-Dichlorophenol	8.11	162	166490	35.973	ng		97
30) 1,2,4-Trichlorobenzene	8.19	180	199510	38.485	ng		95
31) Naphthalene	8.28	128	625360	40.675	ng		100
32) Benzoic acid	7.96	122	11393	3.218	ng		86
33) 4-Chloroaniline	8.33	127	78463	11.340	ng		97
34) Hexachlorobutadiene	8.39	225	110364	38.342	ng		99
35) Caprolactam	8.69	113	44680	27.698	ng		93
36) 4-Chloro-3-methylphenol	8.80	107	165722	33.113	ng		96
37) 2-Methylnaphthalene	8.97	142	401796	39.500	ng		99
38) 1-Methylnaphthalene	9.07	142	368568	37.494	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	164684	40.596	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	583	0.281	ng		93
43) 2,4,6-Trichlorophenol	9.25	196	98225	37.540	ng		97
44) 2,4,5-Trichlorophenol	9.29	196	97856	35.381	ng		95
46) 1,1'-Biphenyl	9.43	154	463485	39.366	ng		98
47) 2-Chloronaphthalene	9.46	162	340621	39.440	ng		99
48) 2-Nitroaniline	9.56	65	107217	40.968	ng		96
49) Acenaphthylene	9.88	152	501653	40.216	ng		100
50) Dimethylphthalate	9.73	163	535125	55.679	ng		99
51) 2,6-Dinitrotoluene	9.79	165	58663	28.337	ng		99
52) Acenaphthene	10.05	154	304681	36.922	ng		97
53) 3-Nitroaniline	9.97	138	83736	34.013	ng		91
55) Dibenzofuran	10.22	168	427406	36.993	ng		97
56) 4-Nitrophenol	10.13	139	120400	66.079	ng		96
57) 2,4-Dinitrotoluene	10.20	165	61190	23.270	ng	#	82
58) Fluorene	10.57	166	331391	38.539	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	72990	32.378	ng		94
60) Diethylphthalate	10.43	149	374340	39.901	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	161004	35.494	ng		98
62) 4-Nitroaniline	10.58	138	86094	35.161	ng		94
63) Azobenzene	10.72	77	310696	33.364	ng		96
66) n-Nitrosodiphenylamine	10.67	169	286017	42.423	ng		96
67) 4-Bromophenyl-phenylether	11.05	248	88374	39.636	ng		93
68) Hexachlorobenzene	11.12	284	88676	37.484	ng	#	91
69) Atrazine	11.19	200	60153	28.232	ng		97
70) Pentachlorophenol	11.31	266	68662	49.774	ng		97
71) Phenanthrene	11.53	178	520088	48.356	ng		99
72) Anthracene	11.59	178	471860	43.770	ng		98
73) Carbazole	11.74	167	407997	38.761	ng		99
74) Di-n-butylphthalate	12.06	149	502236	42.247	ng		98
75) Fluoranthene	12.73	202	645677	59.152	ng		98
77) Benzidine	12.85	184	7791m	0.679	ng		
78) Pyrene	12.96	202	604669	64.291	ng		98
80) Butylbenzylphthalate	13.56	149	213605	52.325	ng		100
81) Benzo(a)anthracene	14.15	228	415268	53.377	ng		99
82) 3,3'-Dichlorobenzidine	14.11	252	48644	17.956	ng		99
83) Chrysene	14.19	228	393204	53.212	ng		99
84) Bis(2-ethylhexyl)phthalate	14.12	149	407731	73.886	ng		96
85) Di-n-octyl phthalate	14.73	149	403626	47.039	ng	#	96
86) Indeno(1,2,3-cd)pyrene	17.28	276	271099	44.224	ng		98
88) Benzo(b)fluoranthene	15.24	252	363393	63.423	ng		97
89) Benzo(k)fluoranthene	15.27	252	262731	46.642	ng	#	96
90) Benzo(a)pyrene	15.63	252	301322	57.152	ng		97
91) Dibenzo(a,h)anthracene	17.29	278	186739	41.049	ng		98
92) Benzo(g,h,i)perylene	17.76	276	222101	49.545	ng		100

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

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