Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
Data File : BF110088.D
Acq On : 23 Oct 2018 20:10
Operator : JU/SJ
Sample : J5164-03
Misc : MDL 2PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-SOIL-03-QT4-2018

Manual Integrations APPROVED
Sohil
10/24/2018 5:12:03 PM

Quant Time: Oct 24 05:40:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	182293	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	777254	20.00	ng		-0.02
39) Acenaphthene-d10	10.00	164	381521	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	740359	20.00	ng		-0.02
76) Chrysene-d12	14.14	240	628682	20.00	ng		-0.02
87) Perylene-d12	15.67	264	541236	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1398966	124.97	ng		-0.02
7) Phenol-d6	6.59	99	1807573	126.24	ng		-0.02
23) Nitrobenzene-d5	7.53	82	1063163	81.13	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	470268	124.44	ng		-0.01
45) 2-Fluorobiphenyl	9.32	172	1932762	79.55	ng		-0.02
79) Terphenyl-d14	13.09	244	2019533	66.81	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	10198	1.739	ng		96
3) Pyridine	3.70	79	24264	1.857	ng		88
4) n-Nitrosodimethylamine	3.55	42	10368	1.894	ng	#	97
6) Aniline	6.63	93	30904	1.657	ng	#	56
8) 2-Chlorophenol	6.75	128	28097	2.177	ng		93
9) Benzaldehyde	6.52	77	17596	0.939	ng		90
10) Phenol	6.60	94	32963	2.154	ng	#	61
11) bis(2-Chloroethyl)ether	6.69	93	26988	2.143	ng		86
12) 1,3-Dichlorobenzene	6.90	146	29681	2.090	ng		98
13) 1,4-Dichlorobenzene	6.98	146	30396	2.116	ng		98
14) 1,2-Dichlorobenzene	7.13	146	29055	2.179	ng		95
15) Benzyl Alcohol	7.12	79	37042m	3.364	ng		
16) 2,2'-oxybis(1-Chloropropan	7.23	45	43789	2.175	ng		70
17) 2-Methylphenol	7.20	107	21990	2.138	ng	#	79
18) Hexachloroethane	7.47	117	10717	2.038	ng		95
19) n-Nitroso-di-n-propylamine	7.36	70	18606	2.026	ng	#	89
20) 3+4-Methylphenols	7.35	107	27181	2.044	ng	#	87
22) Acetophenone	7.36	105	39460	2.203	ng	#	94
24) Nitrobenzene	7.55	77	31279	2.312	ng	#	87
25) Isophorone	7.77	82	53345	2.388	ng		96
26) 2-Nitrophenol	7.86	139	11657	1.811	ng		96
27) 2,4-Dimethylphenol	7.89	122	21725	2.035	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	33355	2.198	ng		98
29) 2,4-Dichlorophenol	8.10	162	21493	1.993	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	24635	2.039	ng		97
31) Naphthalene	8.27	128	86073	2.403	ng		98
32) Benzoic acid	7.93	122	8379	1.016	ng		98
33) 4-Chloroaniline	8.32	127	24799	1.538	ng		99
34) Hexachlorobutadiene	8.38	225	14074	2.098	ng		94
35) Caprolactam	8.65	113	6372	1.695	ng	#	87
36) 4-Chloro-3-methylphenol	8.78	107	23440	2.010	ng		97
37) 2-Methylnaphthalene	8.96	142	59001	2.489	ng		95
38) 1-Methylnaphthalene	9.06	142	54562	2.382	ng	#	97
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	23951	2.015	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	10274	1.690	ng		95
43) 2,4,6-Trichlorophenol	9.23	196	14793	1.929	ng		95
44) 2,4,5-Trichlorophenol	9.27	196	15755	1.944	ng		92
46) 1,1'-Biphenyl	9.42	154	77481	2.246	ng		97
47) 2-Chloronaphthalene	9.45	162	53838	2.127	ng		99
48) 2-Nitroaniline	9.54	65	14926	1.946	ng		96
49) Acenaphthylene	9.87	152	86269	2.360	ng		98
50) Dimethylphthalate	9.71	163	62652	2.225	ng		99
51) 2,6-Dinitrotoluene	9.78	165	12712	2.095	ng	#	86
52) Acenaphthene	10.04	154	56377	2.331	ng		95
53) 3-Nitroaniline	9.95	138	12352	1.712	ng	#	94
54) 2,4-Dinitrophenol	10.06	184	1737	5.850	ng		95
55) Dibenzofuran	10.21	168	77035	2.275	ng		96
56) 4-Nitrophenol	10.10	139	9011	1.688	ng		90
57) 2,4-Dinitrotoluene	10.19	165	15134	1.964	ng	#	85
58) Fluorene	10.56	166	60893	2.417	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.33	232	12895	1.952	ng		94
60) Diethylphthalate	10.42	149	60357	2.195	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	29073	2.187	ng		94
62) 4-Nitroaniline	10.56	138	13066	1.821	ng		94
63) Azobenzene	10.70	77	61078	2.238	ng		98
65) 4,6-Dinitro-2-methylphenol	10.59	198	3522	1.041	ng		84
66) n-Nitrosodiphenylamine	10.66	169	52716	2.171	ng		99
67) 4-Bromophenyl-phenylether	11.04	248	16727	2.083	ng		94
68) Hexachlorobenzene	11.10	284	18213	2.137	ng		96
69) Atrazine	11.18	200	16943	2.208	ng		95
70) Pentachlorophenol	11.30	266	5295	1.066	ng	#	66
71) Phenanthrene	11.52	178	94988	2.452	ng		97
72) Anthracene	11.57	178	97094	2.501	ng		97
73) Carbazole	11.73	167	82220	2.169	ng		97
74) Di-n-butylphthalate	12.05	149	92915	2.170	ng	#	97
75) Fluoranthene	12.71	202	95173	2.421	ng		98
77) Benzidine	12.83	184	16488	0.624	ng	#	93
78) Pyrene	12.95	202	96512	2.141	ng		97
80) Butylbenzylphthalate	13.55	149	36712	1.877	ng		99
81) Benzo(a)anthracene	14.13	228	86492	2.320	ng		97
82) 3,3'-Dichlorobenzidine	14.09	252	18610	1.433	ng		96
83) Chrysene	14.17	228	82166	2.320	ng		97
84) Bis(2-ethylhexyl)phthalate	14.10	149	50751	1.919	ng		99
85) Di-n-octyl phthalate	14.72	149	81402	1.980	ng		98
86) Indeno(1,2,3-cd)pyrene	17.21	276	60041	2.044	ng	#	94
88) Benzo(b)fluoranthene	15.21	252	68388	2.188	ng		97
89) Benzo(k)fluoranthene	15.24	252	71446	2.325	ng	#	98
90) Benzo(a)pyrene	15.59	252	63241	2.199	ng		93
91) Dibenzo(a,h)anthracene	17.23	278	50093	2.019	ng	#	96
92) Benzo(g,h,i)perylene	17.69	276	48461	1.982	ng	#	94

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

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