Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
Data File : BF108018.D
Acq On : 8 Aug 2018 14:38
Operator : JU/SJ
Sample : J3762-01
Misc : LOD 1 PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2018

Manual Integrations APPROVED
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8/9/2018 5:01:11 PM

Quant Time: Aug 09 13:42:06 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	7.01	152	276924	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1104504	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	603532	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	1248817	20.00	ng		0.00
75) Chrysene-d12	14.21	240	1089503	20.00	ng		0.00
86) Perylene-d12	15.77	264	931303	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	1924832	125.84	ng		0.00
7) Phenol-d6	6.63	99	2572364	126.55	ng		0.00
23) Nitrobenzene-d5	7.58	82	1703071	86.04	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	824776	137.00	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	3105885	82.62	ng		0.00
78) Terphenyl-d14	13.15	244	3690352	86.12	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.68	93	14939	0.540	ng		96
8) 2-Chlorophenol	6.80	128	17917	1.040	ng	#	72
9) Benzaldehyde	6.57	77	14838	0.942	ng		86
10) Phenol	6.64	94	22186	1.055	ng	#	1
11) bis(2-Chloroethyl)ether	6.74	93	18105	1.065	ng		97
12) 1,3-Dichlorobenzene	6.95	146	21231	1.066	ng		94
13) 1,4-Dichlorobenzene	7.03	146	21836	1.091	ng		98
14) 1,2-Dichlorobenzene	7.18	146	18915	1.016	ng		88
15) Benzyl Alcohol	7.17	79	31503	1.841	ng	#	40
16) 2,2'-oxybis(1-Chloropropan	7.28	45	38039	1.086	ng		96
18) Hexachloroethane	7.53	117	6758	0.948	ng	#	89
24) Nitrobenzene	7.59	77	26647	1.331	ng		92
31) Naphthalene	8.32	128	57334	1.141	ng		99
34) Hexachlorobutadiene	8.43	225	11458	1.065	ng		93
37) 2-Methylnaphthalene	9.01	142	39121	1.101	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	19714	1.064	ng	#	96
45) 1,1'-Biphenyl	9.47	154	56197	1.263	ng		93
46) 2-Chloronaphthalene	9.50	162	38094	1.083	ng		96
47) 2-Nitroaniline	9.59	65	8734m	0.768	ng		
48) Acenaphthylene	9.92	152	61437	1.105	ng		98
49) Dimethylphthalate	9.77	163	46654	1.110	ng	#	95
50) 2,6-Dinitrotoluene	9.83	165	7052	0.802	ng	#	73
51) Acenaphthene	10.09	154	39561	1.162	ng		99
54) Dibenzofuran	10.27	168	57076	1.157	ng		99
57) Fluorene	10.61	166	45438	1.163	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.38	232	6898	0.652	ng	#	84
59) Diethylphthalate	10.47	149	43853	1.077	ng		98
62) Azobenzene	10.76	77	44653	1.062	ng		95
65) n-Nitrosodiphenylamine	10.71	169	39824	1.079	ng		91
66) 4-Bromophenyl-phenylether	11.09	248	13925	1.026	ng		88
67) Hexachlorobenzene	11.16	284	15230	1.067	ng	#	86
68) Atrazine	11.23	200	11161	0.902	ng		93
70) Phenanthrene	11.58	178	69280	1.176	ng		97
71) Anthracene	11.63	178	70953	1.175	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	11.78	167	59429	1.108	ng		97
73) Di-n-butylphthalate	12.11	149	59663	0.982	ng		100
74) Fluoranthene	12.77	202	73399	1.142	ng		95
77) Pyrene	13.01	202	74346	1.078	ng		99
79) Butylbenzylphthalate	13.62	149	19630	0.717	ng		96
80) Benzo(a)anthracene	14.20	228	70860	1.133	ng		97
82) Chrysene	14.24	228	65019	1.134	ng		97
83) Bis(2-ethylhexyl)phthalate	14.17	149	28878	0.779	ng	#	97
84) Di-n-octyl phthalate	14.80	149	37093	0.656	ng	#	81
85) Indeno(1,2,3-cd)pyrene	17.37	276	40981	0.825	ng		93
87) Benzo(b)fluoranthene	15.29	252	54474	0.979	ng		95
88) Benzo(k)fluoranthene	15.32	252	50928	0.996	ng		99
89) Benzo(a)pyrene	15.69	252	45710	0.917	ng		99
90) Dibenzo(a,h)anthracene	17.39	278	34772	0.843	ng	#	95
91) Benzo(g,h,i)perylene	17.87	276	33873	0.834	ng		94

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

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