Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072418\
Data File : BG035842.D
Acq On : 24 Jul 2018 11:13
Operator : JU/SJ
Sample : J3762-01
Misc : LOD 1PPM
ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
7/25/2018 6:34:45 PM

Quant Time: Jul 25 16:20:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 24 14:48:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	33968	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	128079	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	90935	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	262282	20.00	ng		0.00
75) Chrysene-d12	21.66	240	305084	20.00	ng		0.00
86) Perylene-d12	24.85	264	277769	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	248951	121.68	ng		0.00
7) Phenol-d6	7.19	99	360296	118.03	ng		0.00
23) Nitrobenzene-d5	9.19	82	247925	80.86	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	168014	140.18	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	603376	88.90	ng		0.00
78) Terphenyl-d14	20.00	244	1419051	102.53	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.35	93	1676	0.424	ng	#	81
8) 2-Chlorophenol	7.60	128	2462	1.183	ng		86
9) Benzaldehyde	7.19	77	2065	1.103	ng	#	44
10) Phenol	7.22	94	2882	0.934	ng	#	37
11) bis(2-Chloroethyl)ether	7.45	93	2023	0.838	ng	#	71
12) 1,3-Dichlorobenzene	7.92	146	1882	0.749	ng	#	69
13) 1,4-Dichlorobenzene	8.06	146	2519	0.987	ng	#	84
14) 1,2-Dichlorobenzene	8.38	146	2280m	0.930	ng		
15) Benzyl Alcohol	8.30	79	1494m	0.539	ng		
16) 2,2'-oxybis(1-Chloropropan	8.56	45	2206	1.089	ng		46
18) Hexachloroethane	9.10	117	852	0.873	ng	#	72
24) Nitrobenzene	9.23	77	2550	0.827	ng	#	82
31) Naphthalene	10.88	128	5829	0.874	ng	#	91
34) Hexachlorobutadiene	11.17	225	2059	1.018	ng		95
37) 2-Methylnaphthalene	12.50	142	4441	0.893	ng	#	79
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	3318	0.967	ng	#	95
45) 1,1'-Biphenyl	13.49	154	7394	1.049	ng		86
46) 2-Chloronaphthalene	13.53	162	5521	1.007	ng	#	87
48) Acenaphthylene	14.38	152	8755	0.953	ng		95
49) Dimethylphthalate	14.11	163	6852	0.860	ng		96
50) 2,6-Dinitrotoluene	14.24	165	1194	0.736	ng	#	68
51) Acenaphthene	14.71	154	4951	0.865	ng	#	80
54) Dibenzofuran	15.05	168	8955	0.984	ng		99
57) Fluorene	15.70	166	7080	0.928	ng	#	83
58) 2,3,4,6-Tetrachlorophenol	15.30	232	1192	0.554	ng	#	59
59) Diethylphthalate	15.47	149	6854	0.837	ng		98
62) Azobenzene	15.98	77	6819	0.844	ng		86
65) n-Nitrosodiphenylamine	15.91	169	6036	0.809	ng		94
66) 4-Bromophenyl-phenylether	16.58	248	2373	0.780	ng		94
67) Hexachlorobenzene	16.70	284	2701	0.862	ng	#	84
68) Atrazine	16.87	200	1650	0.537	ng		92
70) Phenanthrene	17.44	178	13411	1.025	ng	#	88
71) Anthracene	17.53	178	11963	0.918	ng	#	93
72) Carbazole	17.82	167	9175	0.741	ng	#	84

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) Di-n-butylphthalate	18.35	149	10984	0.751	ng	#	92
74) Fluoranthene	19.45	202	16319	0.926	ng		92
77) Pyrene	19.81	202	16545	0.858	ng		98
79) Butylbenzylphthalate	20.68	149	5256	0.762	ng		96
80) Benzo(a)anthracene	21.64	228	18025	0.948	ng		92
82) Chrysene	21.70	228	17711	1.005	ng		93
83) Bis(2-ethylhexyl)phthalate	21.53	149	8441	0.900	ng	#	91
84) Di-n-octyl phthalate	22.74	149	12087	0.770	ng	#	96
85) Indeno(1,2,3-cd)pyrene	28.51	276	15389m	0.789	ng		
87) Benzo(b)fluoranthene	23.84	252	13862m	0.821	ng		
88) Benzo(k)fluoranthene	23.91	252	16909	1.024	ng		99
89) Benzo(a)pyrene	24.71	252	14027	0.893	ng	#	92
90) Dibenzo(a,h)anthracene	28.61	278	11667m	0.757	ng		
91) Benzo(g,h,i)perylene	29.66	276	11798m	0.782	ng		

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

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