Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072318\
Data File : BM016036.D
Acq On : 23 Jul 2018 21:28
Operator : SJ/JU
Sample : J3762-03
Misc : MDL 1 PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2018

Manual Integrations APPROVED
Sohil
7/24/2018 5:28:52 PM

Quant Time: Jul 24 15:32:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 23 16:08:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	41604	20.00	ng		0.00
21) Naphthalene-d8	11.05	136	153568	20.00	ng		0.00
38) Acenaphthene-d10	14.86	164	79444	20.00	ng		0.00
63) Phenanthrene-d10	17.59	188	171310	20.00	ng		0.00
75) Chrysene-d12	21.70	240	183109	20.00	ng		0.00
86) Perylene-d12	24.07	264	195976	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	318043	126.98	ng		0.00
7) Phenol-d6	7.39	99	387193	118.38	ng		0.00
23) Nitrobenzene-d5	9.42	82	295124	89.38	ng		0.00
41) 2,4,6-Tribromophenol	16.34	330	131568	130.57	ng		0.00
44) 2-Fluorobiphenyl	13.48	172	592553	90.75	ng		0.00
78) Terphenyl-d14	20.16	244	1104750	126.29	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.57	93	1449	0.385	ng	#	77
8) 2-Chlorophenol	7.78	128	2456	0.825	ng	#	1
9) Benzaldehyde	7.42	77	2404	1.046	ng		84
10) Phenol	7.40	94	2830	0.865	ng	#	1
11) bis(2-Chloroethyl)ether	7.66	93	1415	0.548	ng	#	78
12) 1,3-Dichlorobenzene	8.13	146	2512	0.721	ng	#	70
13) 1,4-Dichlorobenzene	8.27	146	2831	0.801	ng	#	84
14) 1,2-Dichlorobenzene	8.59	146	2754	0.796	ng	#	85
15) Benzyl Alcohol	8.55	79	7787m	2.990	ng		
16) 2,2'-oxybis(1-Chloropropan	8.77	45	3006	0.760	ng		75
18) Hexachloroethane	9.31	117	1126	0.737	ng	#	74
24) Nitrobenzene	9.47	77	3011	0.906	ng	#	73
31) Naphthalene	11.11	128	7862	1.012	ng		97
34) Hexachlorobutadiene	11.36	225	1455	0.752	ng	#	86
37) 2-Methylnaphthalene	12.71	142	4761	0.914	ng	#	73
39) 1,2,4,5-Tetrachlorobenzene	13.07	216	2258	0.835	ng	#	100
45) 1,1'-Biphenyl	13.70	154	7116	0.993	ng		97
46) 2-Chloronaphthalene	13.75	162	5010	0.898	ng	#	84
47) 2-Nitroaniline	14.01	65	117	0.063	ng	#	64
48) Acenaphthylene	14.59	152	6368	0.780	ng		96
49) Dimethylphthalate	14.31	163	5939	0.854	ng	#	97
50) 2,6-Dinitrotoluene	14.46	165	633	0.453	ng	#	54
51) Acenaphthene	14.92	154	4557	0.908	ng	#	89
54) Dibenzofuran	15.26	168	7142	0.863	ng	#	77
57) Fluorene	15.90	166	5491	0.893	ng	#	92
58) 2,3,4,6-Tetrachlorophenol	15.49	232	823	0.549	ng	#	100
59) Diethylphthalate	15.65	149	5970	0.797	ng	#	92
62) Azobenzene	16.17	77	5090	0.645	ng		83
65) n-Nitrosodiphenylamine	16.10	169	4308	0.764	ng	#	94
66) 4-Bromophenyl-phenylether	16.78	248	1426	0.735	ng	#	77
67) Hexachlorobenzene	16.89	284	1480	0.693	ng	#	37
68) Atrazine	17.04	200	1310	0.648	ng	#	78
70) Phenanthrene	17.63	178	9308	0.970	ng		95
71) Anthracene	17.73	178	7821	0.839	ng	#	94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	18.00	167	6902	0.715	ng	#	91
73) Di-n-butylphthalate	18.51	149	8193	0.681	ng	#	96
74) Fluoranthene	19.62	202	9542	0.892	ng		94
77) Pyrene	19.98	202	9349	0.852	ng		95
79) Butylbenzylphthalate	20.83	149	4473	0.802	ng		94
80) Benzo(a)anthracene	21.69	228	11633	1.031	ng		96
82) Chrysene	21.74	228	10209	0.944	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	5776	0.715	ng	#	88
84) Di-n-octyl phthalate	22.48	149	10704	0.788	ng	#	80
85) Indeno(1,2,3-cd)pyrene	26.51	276	12714	0.990	ng	#	90
87) Benzo(b)fluoranthene	23.36	252	11513	0.998	ng		95
88) Benzo(k)fluoranthene	23.40	252	11282m	0.965	ng		
89) Benzo(a)pyrene	23.98	252	11603	1.046	ng		96
90) Dibenzo(a,h)anthracene	26.52	278	10616	0.924	ng	#	95
91) Benzo(g,h,i)perylene	27.27	276	10811	0.995	ng	#	92

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

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