Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
Data File : BN002143.D
Acq On : 25 Jul 2018 19:29
Operator : JU/SJ
Sample : J3762-01
Misc : LOD 1 PPM
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jul 26 05:40:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 20:08:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	202958	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	837647	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	489835	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	1036093	20.00	ng		0.00
75) Chrysene-d12	21.27	240	903335	20.00	ng		0.00
86) Perylene-d12	23.49	264	846083	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1517902	120.40	ng		0.00
7) Phenol-d6	6.88	99	2038825	115.25	ng		0.00
23) Nitrobenzene-d5	8.84	82	1413289	86.53	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	797937	125.45	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	3211408	85.39	ng		0.00
78) Terphenyl-d14	19.71	244	4612770	106.50	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.03	93	11919	0.552	ng		98
8) 2-Chlorophenol	7.26	128	13142	0.899	ng		98
9) Benzaldehyde	6.85	77	14489	1.330	ng		88
10) Phenol	6.90	94	16100	0.888	ng	#	62
11) bis(2-Chloroethyl)ether	7.13	93	11655	0.790	ng		92
12) 1,3-Dichlorobenzene	7.58	146	14471	0.869	ng		97
13) 1,4-Dichlorobenzene	7.73	146	14781	0.867	ng		95
14) 1,2-Dichlorobenzene	8.04	146	14075	0.856	ng		98
15) Benzyl Alcohol	7.93	79	6730	0.504	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.22	45	20451	0.858	ng		92
18) Hexachloroethane	8.76	117	5477	0.878	ng	#	71
24) Nitrobenzene	8.88	77	16110	0.952	ng	#	97
31) Naphthalene	10.52	128	41938	0.992	ng		96
34) Hexachlorobutadiene	10.80	225	7653	0.832	ng		88
37) 2-Methylnaphthalene	12.13	142	29139	0.977	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	14750	0.896	ng		98
45) 1,1'-Biphenyl	13.15	154	41552	0.964	ng		96
46) 2-Chloronaphthalene	13.19	162	29859	0.897	ng		97
48) Acenaphthylene	14.05	152	44320	0.878	ng		95
49) Dimethylphthalate	13.78	163	34479	0.847	ng		97
50) 2,6-Dinitrotoluene	13.90	165	6241	0.690	ng		94
51) Acenaphthene	14.39	154	27975	0.920	ng		95
54) Dibenzofuran	14.72	168	44457	0.902	ng		99
57) Fluorene	15.37	166	33292	0.896	ng		93
58) 2,3,4,6-Tetrachlorophenol	14.96	232	6783	0.674	ng	#	92
59) Diethylphthalate	15.16	149	31846	0.769	ng		98
62) Azobenzene	15.67	77	29832	0.751	ng		97
65) n-Nitrosodiphenylamine	15.59	169	27814	0.809	ng		96
66) 4-Bromophenyl-phenylether	16.27	248	10322	0.851	ng	#	90
67) Hexachlorobenzene	16.38	284	12036	0.897	ng	#	89
68) Atrazine	16.54	200	8315	0.718	ng		91
70) Phenanthrene	17.11	178	55001	0.973	ng		97
71) Anthracene	17.20	178	52418	0.936	ng		96
72) Carbazole	17.48	167	42214	0.752	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) Di-n-butylphthalate	18.05	149	42813	0.653	ng		99
74) Fluoranthene	19.13	202	52542	0.856	ng		100
77) Pyrene	19.50	202	53595	0.860	ng		99
79) Butylbenzylphthalate	20.41	149	17511	0.646	ng		90
80) Benzo(a)anthracene	21.25	228	53277	0.968	ng		95
82) Chrysene	21.30	228	50432	0.962	ng		95
83) Bis(2-ethylhexyl)phthalate	21.19	149	27307	0.722	ng		96
84) Di-n-octyl phthalate	22.07	149	41803	0.697	ng	#	97
85) Indeno(1,2,3-cd)pyrene	25.73	276	48583	0.951	ng	#	95
87) Benzo(b)fluoranthene	22.83	252	47049	0.942	ng	#	94
88) Benzo(k)fluoranthene	22.87	252	44807	0.911	ng	#	97
89) Benzo(a)pyrene	23.40	252	43333	0.929	ng	#	93
90) Dibenzo(a,h)anthracene	25.73	278	40428	0.923	ng	#	91
91) Benzo(g,h,i)perylene	26.40	276	41286	0.976	ng	#	94

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

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