Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
Data File : BN000743.D
Acq On : 18 Apr 2018 17:22
Operator : JU/SJ
Sample : J2133-01
Misc : 1PPM LOD
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT2-2018

Quant Time: Apr 19 04:50:22 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN041818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 18 16:58:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	139645	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	617946	20.00	ng		0.00
38) Acenaphthene-d10	14.26	164	335152	20.00	ng		0.00
63) Phenanthrene-d10	17.01	188	725129	20.00	ng		0.00
75) Chrysene-d12	21.22	240	733744	20.00	ng		0.00
86) Perylene-d12	23.41	264	721099	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1247025	132.65	ng		0.00
7) Phenol-d6	6.82	99	1691470	132.04	ng		0.00
23) Nitrobenzene-d5	8.78	82	954325	80.51	ng		0.00
41) 2,4,6-Tribromophenol	15.76	330	519483	153.97	ng		0.00
44) 2-Fluorobiphenyl	12.88	172	1946899	80.19	ng		0.00
78) Terphenyl-d14	19.66	244	2623272	77.09	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.98	93	15313	0.901	ng		93
8) 2-Chlorophenol	7.20	128	9852	1.013	ng		98
9) Benzaldehyde	6.79	77	6692	Below Cal			98
10) Phenol	6.84	94	13288	0.984	ng		94
11) bis(2-Chloroethyl)ether	7.07	93	10721	0.970	ng	#	83
12) 1,3-Dichlorobenzene	7.52	146	11635	1.030	ng		99
13) 1,4-Dichlorobenzene	7.67	146	11342	0.989	ng		98
14) 1,2-Dichlorobenzene	7.98	146	11005	1.006	ng		93
15) Benzyl Alcohol	7.87	79	6831	0.775	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.16	45	11566	0.986	ng		75
18) Hexachloroethane	8.70	117	3843	0.910	ng	#	83
24) Nitrobenzene	8.82	77	12473	0.981	ng		95
31) Naphthalene	10.45	128	33996	1.023	ng		97
34) Hexachlorobutadiene	10.74	225	5305	0.968	ng		96
37) 2-Methylnaphthalene	12.06	142	21368	0.982	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	10194	0.981	ng	#	97
45) 1,1'-Biphenyl	13.09	154	34585	1.153	ng		95
46) 2-Chloronaphthalene	13.13	162	22239	0.989	ng		96
47) 2-Nitroaniline	13.33	65	3468	0.531	ng		96
48) Acenaphthylene	13.98	152	29700	0.833	ng		96
49) Dimethylphthalate	13.73	163	23524	0.878	ng		100
50) 2,6-Dinitrotoluene	13.84	165	3118	0.550	ng		93
51) Acenaphthene	14.32	154	21838	1.005	ng		97
54) Dibenzofuran	14.66	168	31437	0.994	ng		96
57) Fluorene	15.32	166	24321	0.972	ng		94
58) 2,3,4,6-Tetrachlorophenol	14.89	232	3388	0.605	ng	#	87
59) Diethylphthalate	15.10	149	21377	0.805	ng		98
62) Azobenzene	15.61	77	21469	0.755	ng		89
65) n-Nitrosodiphenylamine	15.53	169	18628	0.765	ng		99
66) 4-Bromophenyl-phenylether	16.21	248	6354	0.862	ng	#	82
67) Hexachlorobenzene	16.32	284	8150	0.955	ng	#	89
68) Atrazine	16.48	200	2925	0.443	ng		94
70) Phenanthrene	17.05	178	42684	1.016	ng		99
71) Anthracene	17.14	178	35059	0.852	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	17.41	167	30669	0.793	ng	#	96
73) Di-n-butylphthalate	18.00	149	26169	0.594	ng	#	99
74) Fluoranthene	19.07	202	37236	0.880	ng		94
77) Pyrene	19.44	202	40824	0.772	ng		99
79) Butylbenzylphthalate	20.37	149	8935	0.401	ng	#	96
80) Benzo(a)anthracene	21.20	228	41896	0.906	ng		98
82) Chrysene	21.25	228	45013	1.005	ng		98
83) Bis(2-ethylhexyl)phthalate	21.16	149	13945	0.410	ng		92
84) Di-n-octyl phthalate	22.03	149	18910	0.389	ng	#	98
85) Indeno(1,2,3-cd)pyrene	26.24	276	27522	0.715	ng	#	91
87) Benzo(b)fluoranthene	22.76	252	36003	0.822	ng	#	96
88) Benzo(k)fluoranthene	22.80	252	37660	0.863	ng	#	95
89) Benzo(a)pyrene	23.31	252	30085	0.752	ng	#	94
90) Dibenzo(a,h)anthracene	25.60	278	27451	0.697	ng	#	92
91) Benzo(g,h,i)perylene	26.24	276	27522	0.716	ng	#	88

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

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