Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
Data File : BN000747.D
Acq On : 18 Apr 2018 19:40
Operator : JU/SJ
Sample : J2133-02
Misc : 20PPM LOQ
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2018

Manual Integrations APPROVED
Sohil
4/19/2018 5:43:03 PM

Quant Time: Apr 19 05:01:46 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	119578	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	499413	20.00	ng		0.00
38) Acenaphthene-d10	14.26	164	246064	20.00	ng		0.00
63) Phenanthrene-d10	17.01	188	480721	20.00	ng		0.00
75) Chrysene-d12	21.22	240	458293	20.00	ng		0.00
86) Perylene-d12	23.40	264	466285	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1045614	129.89	ng		0.00
7) Phenol-d6	6.82	99	1380840	125.88	ng		0.00
23) Nitrobenzene-d5	8.78	82	816062	85.18	ng		0.00
41) 2,4,6-Tribromophenol	15.76	330	341094	137.70	ng		0.00
44) 2-Fluorobiphenyl	12.88	172	1555573	87.27	ng		0.00
78) Terphenyl-d14	19.66	244	1725416	81.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	72934	19.754	ng		94
3) Pyridine	3.63	79	194127	19.960	ng		97
4) n-Nitrosodimethylamine	3.55	42	51077	19.097	ng	#	86
6) Aniline	6.97	93	275375	18.922	ng		94
8) 2-Chlorophenol	7.20	128	162956	19.574	ng		91
9) Benzaldehyde	6.79	77	78245	11.905	ng		92
10) Phenol	6.84	94	222864	19.274	ng		87
11) bis(2-Chloroethyl)ether	7.07	93	182904	19.335	ng		84
12) 1,3-Dichlorobenzene	7.52	146	190512	19.703	ng		99
13) 1,4-Dichlorobenzene	7.67	146	193160	19.676	ng		98
14) 1,2-Dichlorobenzene	7.98	146	185472	19.793	ng		96
15) Benzyl Alcohol	7.87	79	141489	18.753	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.16	45	191062	19.018	ng		79
17) 2-Methylphenol	8.07	107	150000	19.297	ng		95
18) Hexachloroethane	8.70	117	70576	19.509	ng	#	83
19) n-Nitroso-di-n-propylamine	8.43	70	131514	19.272	ng	#	82
20) 3+4-Methylphenols	8.39	107	203935	19.091	ng		94
22) Acetophenone	8.44	105	278570	19.466	ng	#	89
24) Nitrobenzene	8.82	77	204790	19.936	ng	#	95
25) Isophorone	9.33	82	325430	18.748	ng		99
26) 2-Nitrophenol	9.52	139	75931	18.043	ng		96
27) 2,4-Dimethylphenol	9.59	122	132887	19.342	ng		95
28) bis(2-Chloroethoxy)methane	9.82	93	218846	19.338	ng		97
29) 2,4-Dichlorophenol	10.05	162	130521	19.292	ng		98
30) 1,2,4-Trichlorobenzene	10.26	180	162753	19.959	ng		98
31) Naphthalene	10.45	128	530436	19.755	ng		98
32) Benzoic acid	9.69	122	89767	17.233	ng		92
33) 4-Chloroaniline	10.56	127	210344	19.186	ng		96
34) Hexachlorobutadiene	10.74	225	89738	20.262	ng		98
35) Caprolactam	11.30	113	39831	17.017	ng		96
36) 4-Chloro-3-methylphenol	11.68	107	150656	18.861	ng		99
37) 2-Methylnaphthalene	12.06	142	342512	19.473	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	155629	20.395	ng	#	96
40) Hexachlorocyclopentadiene	12.42	237	87387	19.528	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	90270	19.503	ng		98
43) 2,4,5-Trichlorophenol	12.75	196	106349	19.894	ng	#	93
45) 1,1'-Biphenyl	13.09	154	447794	20.331	ng		98
46) 2-Chloronaphthalene	13.13	162	336659	20.386	ng		97
47) 2-Nitroaniline	13.33	65	87388	18.241	ng		89
48) Acenaphthylene	13.98	152	533928	20.396	ng		97
49) Dimethylphthalate	13.73	163	388941	19.779	ng		99
50) 2,6-Dinitrotoluene	13.84	165	79322	19.045	ng		92
51) Acenaphthene	14.33	154	320772	20.102	ng		99
52) 3-Nitroaniline	14.16	138	87915	18.546	ng	#	96
53) 2,4-Dinitrophenol	14.37	184	30901	18.947	ng		95
54) Dibenzofuran	14.66	168	470331	20.249	ng		97
55) 4-Nitrophenol	14.47	139	64379	18.290	ng	#	83
56) 2,4-Dinitrotoluene	14.63	165	101018	18.525	ng		94
57) Fluorene	15.32	166	370671	20.186	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.89	232	77883m	18.953	ng		
59) Diethylphthalate	15.10	149	381398	19.570	ng		97
60) 4-Chlorophenyl-phenylether	15.32	204	175356	20.429	ng		92
61) 4-Nitroaniline	15.33	138	87476	18.759	ng		95
62) Azobenzene	15.61	77	412690	19.776	ng		89
64) 4,6-Dinitro-2-methylphenol	15.39	198	51405	17.313	ng		91
65) n-Nitrosodiphenylamine	15.53	169	317809	19.691	ng		96
66) 4-Bromophenyl-phenylether	16.21	248	96420	19.742	ng	#	90
67) Hexachlorobenzene	16.32	284	110961	19.622	ng		93
68) Atrazine	16.49	200	61170	13.990	ng		96
69) Pentachlorophenol	16.66	266	61861	16.930	ng		98
70) Phenanthrene	17.05	178	552529	19.846	ng		99
71) Anthracene	17.14	178	545189	19.995	ng		98
72) Carbazole	17.41	167	516745	20.167	ng		97
73) Di-n-butylphthalate	18.00	149	569364	19.501	ng		98
74) Fluoranthene	19.07	202	572496	20.401	ng		95
76) Benzidine	19.27	184	164286	13.236	ng	#	93
77) Pyrene	19.44	202	613617	18.587	ng		100
79) Butylbenzylphthalate	20.37	149	230166	16.550	ng		98
80) Benzo(a)anthracene	21.20	228	570775	19.762	ng		98
81) 3,3'-Dichlorobenzidine	21.14	252	162196	17.840	ng	#	96
82) Chrysene	21.25	228	560242	20.036	ng		98
83) Bis(2-ethylhexyl)phthalate	21.16	149	377198	17.755	ng	#	95
84) Di-n-octyl phthalate	22.03	149	526778	17.331	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.24	276	507078	21.086	ng	#	91
87) Benzo(b)fluoranthene	22.75	252	542405	19.145	ng	#	95
88) Benzo(k)fluoranthene	22.80	252	554395	19.648	ng	#	96
89) Benzo(a)pyrene	23.31	252	506716	19.600	ng	#	94
90) Dibenzo(a,h)anthracene	25.60	278	526507	20.668	ng	#	92
91) Benzo(g,h,i)perylene	26.24	276	507078	20.388	ng	#	88

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

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