Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
Data File : BN002147.D
Acq On : 25 Jul 2018 21:50
Operator : JU/SJ
Sample : J3762-02
Misc : LOQ 20 PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOQ-SOIL-02-QT3-2018

Quant Time: Jul 26 05:02:03 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	198088	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	797408	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	399878	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	784035	20.00	ng		0.00
75) Chrysene-d12	21.27	240	651977	20.00	ng		0.00
86) Perylene-d12	23.50	264	627636	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1607131	130.62	ng		0.00
7) Phenol-d6	6.88	99	2059199	119.26	ng		0.00
23) Nitrobenzene-d5	8.84	82	1281404	82.41	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	611947	117.85	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	2719706	88.59	ng		0.00
78) Terphenyl-d14	19.71	244	2800644	89.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	89153	19.301	ng	#	77
3) Pyridine	3.66	79	251342	18.785	ng	#	67
4) n-Nitrosodimethylamine	3.59	42	116042	20.218	ng	#	74
6) Aniline	7.03	93	368348	17.464	ng		99
8) 2-Chlorophenol	7.26	128	271776	19.046	ng		96
9) Benzaldehyde	6.85	77	231209	21.742	ng		95
10) Phenol	6.90	94	336047	18.987	ng		99
11) bis(2-Chloroethyl)ether	7.13	93	261891	18.180	ng		95
12) 1,3-Dichlorobenzene	7.58	146	307614	18.916	ng		99
13) 1,4-Dichlorobenzene	7.73	146	311448	18.721	ng		98
14) 1,2-Dichlorobenzene	8.04	146	300896	18.748	ng		95
15) Benzyl Alcohol	7.93	79	212049	16.275	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.22	45	425884	18.308	ng		93
17) 2-Methylphenol	8.13	107	219546	18.170	ng		94
18) Hexachloroethane	8.76	117	114957	18.880	ng		90
19) n-Nitroso-di-n-propylamine	8.49	70	202152	16.141	ng	#	98
20) 3+4-Methylphenols	8.46	107	294152	17.448	ng		96
22) Acetophenone	8.50	105	399998	19.347	ng		96
24) Nitrobenzene	8.88	77	307708	19.095	ng		96
25) Isophorone	9.40	82	529713	19.841	ng		96
26) 2-Nitrophenol	9.59	139	137670	17.685	ng		96
27) 2,4-Dimethylphenol	9.65	122	229129	21.164	ng		95
28) bis(2-Chloroethoxy)methane	9.89	93	328684	19.059	ng		97
29) 2,4-Dichlorophenol	10.12	162	236967	18.771	ng		94
30) 1,2,4-Trichlorobenzene	10.33	180	266477	18.638	ng		96
31) Naphthalene	10.52	128	814026	20.227	ng		98
32) Benzoic acid	9.76	122	113475	12.354	ng		91
33) 4-Chloroaniline	10.63	127	227770	12.720	ng		97
34) Hexachlorobutadiene	10.80	225	163128	18.632	ng		98
35) Caprolactam	11.38	113	63001	14.623	ng	#	69
36) 4-Chloro-3-methylphenol	11.76	107	242725	16.909	ng		96
37) 2-Methylnaphthalene	12.13	142	569368	20.060	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	279716	20.803	ng		99
40) Hexachlorocyclopentadiene	12.48	237	182945	24.091	ng		91

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	172460	19.117 ng		95
43) 2,4,5-Trichlorophenol	12.82	196	184228	19.278 ng		97
45) 1,1'-Biphenyl	13.15	154	698674	19.856 ng		99
46) 2-Chloronaphthalene	13.19	162	545987	20.102 ng		98
47) 2-Nitroaniline	13.40	65	156840	17.946 ng		95
48) Acenaphthylene	14.05	152	859698	20.858 ng		98
49) Dimethylphthalate	13.79	163	617020	18.576 ng		98
50) 2,6-Dinitrotoluene	13.90	165	134014	18.160 ng		94
51) Acenaphthene	14.39	154	496185	19.986 ng		99
52) 3-Nitroaniline	14.23	138	98814	12.358 ng	#	87
53) 2,4-Dinitrophenol	14.45	184	60047	15.367 ng		95
54) Dibenzofuran	14.72	168	776721	19.296 ng		95
55) 4-Nitrophenol	14.55	139	100876	16.433 ng		88
56) 2,4-Dinitrotoluene	14.69	165	177580	17.731 ng		90
57) Fluorene	15.37	166	602469	19.858 ng		97
58) 2,3,4,6-Tetrachlorophenol	14.95	232	149637	18.207 ng		93
59) Diethylphthalate	15.16	149	594282	17.578 ng		97
60) 4-Chlorophenyl-phenylether	15.37	204	306127	18.235 ng		98
61) 4-Nitroaniline	15.40	138	132085	16.205 ng		92
62) Azobenzene	15.66	77	602802	18.582 ng		98
64) 4,6-Dinitro-2-methylphenol	15.46	198	84874	16.034 ng		99
65) n-Nitrosodiphenylamine	15.59	169	507639	19.512 ng		98
66) 4-Bromophenyl-phenylether	16.27	248	174573	19.020 ng		93
67) Hexachlorobenzene	16.38	284	193192	19.030 ng		98
68) Atrazine	16.54	200	159910	18.256 ng		98
69) Pentachlorophenol	16.73	266	83840	12.830 ng		95
70) Phenanthrene	17.11	178	873547	20.412 ng		100
71) Anthracene	17.20	178	877377	20.713 ng		98
72) Carbazole	17.47	167	758018	17.835 ng		98
73) Di-n-butylphthalate	18.05	149	876264	17.674 ng		99
74) Fluoranthene	19.13	202	895604	19.275 ng		98
76) Benzidine	19.32	184	252718	11.885 ng		95
77) Pyrene	19.50	202	913753	20.323 ng		99
79) Butylbenzylphthalate	20.41	149	348861	17.825 ng		91
80) Benzo(a)anthracene	21.25	228	815784	20.529 ng		97
81) 3,3'-Dichlorobenzidine	21.19	252	202832	13.102 ng		100
82) Chrysene	21.30	228	767622	20.288 ng		99
83) Bis(2-ethylhexyl)phthalate	21.19	149	504298	18.477 ng	#	95
84) Di-n-octyl phthalate	22.07	149	811878	18.761 ng		97
85) Indeno(1,2,3-cd)pyrene	25.72	276	886293	24.027 ng	#	95
87) Benzo(b)fluoranthene	22.83	252	776747	20.970 ng		98
88) Benzo(k)fluoranthene	22.87	252	727996	19.956 ng		98
89) Benzo(a)pyrene	23.40	252	730103	21.105 ng	#	97
90) Dibenzo(a,h)anthracene	25.73	278	740643	22.804 ng	#	97
91) Benzo(g,h,i)perylene	26.40	276	745992	23.767 ng	#	94

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

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