Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
Data File : BN002151.D
Acq On : 26 Jul 2018 00:12
Operator : JU/SJ
Sample : J3762-03
Misc : MDL 8 PPM
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jul 26 05:04:26 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	220988	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	893343	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	515560	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	1087928	20.00	ng		0.00
75) Chrysene-d12	21.27	240	942300	20.00	ng		0.00
86) Perylene-d12	23.49	264	871729	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1706342	124.31	ng		0.00
7) Phenol-d6	6.88	99	2304235	119.62	ng		0.00
23) Nitrobenzene-d5	8.84	82	1535254	88.13	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	835070	124.73	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	3439275	86.89	ng		0.00
78) Terphenyl-d14	19.71	244	4916932	108.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	38022	7.378	ng	#	76
3) Pyridine	3.67	79	105603	7.075	ng	#	69
4) n-Nitrosodimethylamine	3.59	42	49320	7.703	ng	#	72
6) Aniline	7.03	93	150727	6.406	ng		97
8) 2-Chlorophenol	7.26	128	116953	7.347	ng		96
9) Benzaldehyde	6.85	77	104218	8.785	ng		87
10) Phenol	6.90	94	154559	7.828	ng		97
11) bis(2-Chloroethyl)ether	7.13	93	108674	6.762	ng		95
12) 1,3-Dichlorobenzene	7.58	146	130984	7.220	ng		98
13) 1,4-Dichlorobenzene	7.73	146	132076	7.116	ng		97
14) 1,2-Dichlorobenzene	8.04	146	126835	7.084	ng		96
15) Benzyl Alcohol	7.93	79	87000	5.985	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.22	45	187537	7.226	ng		90
17) 2-Methylphenol	8.13	107	99196	7.359	ng		95
18) Hexachloroethane	8.76	117	47874	7.048	ng		93
19) n-Nitroso-di-n-propylamine	8.49	70	94231	6.744	ng	#	97
20) 3+4-Methylphenols	8.46	107	134872	7.171	ng		98
22) Acetophenone	8.50	105	182503	7.879	ng	#	96
24) Nitrobenzene	8.88	77	142160	7.874	ng		98
25) Isophorone	9.40	82	245359	8.203	ng	#	95
26) 2-Nitrophenol	9.59	139	58027	6.654	ng		99
27) 2,4-Dimethylphenol	9.65	122	103783	8.557	ng		96
28) bis(2-Chloroethoxy)methane	9.89	93	152698	7.903	ng		96
29) 2,4-Dichlorophenol	10.12	162	106481	7.529	ng		93
30) 1,2,4-Trichlorobenzene	10.33	180	120970	7.552	ng		98
31) Naphthalene	10.52	128	374000	8.295	ng		97
32) Benzoic acid	9.74	122	45937	4.464	ng		96
33) 4-Chloroaniline	10.63	127	122151	6.089	ng		96
34) Hexachlorobutadiene	10.80	225	72070	7.348	ng		96
35) Caprolactam	11.38	113	31912	6.612	ng	#	66
36) 4-Chloro-3-methylphenol	11.76	107	120314	7.481	ng		97
37) 2-Methylnaphthalene	12.13	142	275608	8.668	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	130601	7.534	ng		97
40) Hexachlorocyclopentadiene	12.48	237	76427	7.806	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	85136	7.320	ng		96
43) 2,4,5-Trichlorophenol	12.82	196	90358	7.334	ng		98
45) 1,1'-Biphenyl	13.15	154	350675	7.730	ng		97
46) 2-Chloronaphthalene	13.19	162	265402	7.579	ng		98
47) 2-Nitroaniline	13.40	65	79721	7.075	ng		96
48) Acenaphthylene	14.04	152	437426	8.232	ng		97
49) Dimethylphthalate	13.78	163	335411	7.832	ng		99
50) 2,6-Dinitrotoluene	13.90	165	71003	7.463	ng		96
51) Acenaphthene	14.39	154	254652	7.956	ng		99
52) 3-Nitroaniline	14.23	138	57751	5.602	ng	#	87
53) 2,4-Dinitrophenol	14.45	184	25976	5.156	ng		95
54) Dibenzofuran	14.72	168	410609	7.912	ng		96
55) 4-Nitrophenol	14.55	139	51217	6.471	ng		92
56) 2,4-Dinitrotoluene	14.69	165	92956	7.199	ng		89
57) Fluorene	15.37	166	325534	8.322	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.95	232	81171	7.661	ng		95
59) Diethylphthalate	15.15	149	323524	7.422	ng		98
60) 4-Chlorophenyl-phenylether	15.37	204	162307	7.499	ng		95
61) 4-Nitroaniline	15.39	138	71124	6.768	ng		91
62) Azobenzene	15.66	77	323326	7.730	ng		98
64) 4,6-Dinitro-2-methylphenol	15.46	198	42273	5.755	ng		96
65) n-Nitrosodiphenylamine	15.59	169	278661	7.719	ng		95
66) 4-Bromophenyl-phenylether	16.26	248	96102	7.546	ng	#	90
67) Hexachlorobenzene	16.38	284	106042	7.528	ng		97
68) Atrazine	16.54	200	87743	7.219	ng		97
69) Pentachlorophenol	16.73	266	44072	4.860	ng		97
70) Phenanthrene	17.11	178	496880	8.367	ng		98
71) Anthracene	17.20	178	490985	8.353	ng		98
72) Carbazole	17.47	167	429376	7.280	ng		96
73) Di-n-butylphthalate	18.05	149	478263	6.952	ng		99
74) Fluoranthene	19.13	202	511103	7.927	ng		99
76) Benzidine	19.32	184	139898	4.552	ng		96
77) Pyrene	19.50	202	522892	8.047	ng		99
79) Butylbenzylphthalate	20.41	149	187214	6.618	ng		92
80) Benzo(a)anthracene	21.25	228	466359	8.120	ng		97
81) 3,3'-Dichlorobenzidine	21.19	252	115702	5.171	ng		97
82) Chrysene	21.30	228	436125	7.975	ng		97
83) Bis(2-ethylhexyl)phthalate	21.19	149	267134	6.772	ng		96
84) Di-n-octyl phthalate	22.07	149	433079	6.924	ng		98
85) Indeno(1,2,3-cd)pyrene	25.72	276	446117	8.368	ng	#	95
87) Benzo(b)fluoranthene	22.83	252	431483	8.387	ng		98
88) Benzo(k)fluoranthene	22.87	252	403833	7.970	ng	#	98
89) Benzo(a)pyrene	23.40	252	391985	8.158	ng		98
90) Dibenzo(a,h)anthracene	25.73	278	376156	8.339	ng	#	96
91) Benzo(g,h,i)perylene	26.40	276	364277	8.356	ng		94

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

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