Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102418\
Data File : BN003282.D
Acq On : 24 Oct 2018 21:28
Operator : MJ/SJ
Sample : J5164-03
Misc : MDL 5PPM
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-MDL-SOIL-03-QT4-2018

Quant Time: Oct 25 05:24:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 24 14:21:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	96528	20.00	ng		0.00
21) Naphthalene-d8	10.37	136	447439	20.00	ng		0.00
39) Acenaphthene-d10	14.24	164	286356	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	681193	20.00	ng		0.00
76) Chrysene-d12	21.21	240	766925	20.00	ng		0.00
87) Perylene-d12	23.41	264	798124	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	803695	145.02	ng		0.00
7) Phenol-d6	6.80	99	1128442	143.19	ng		0.00
23) Nitrobenzene-d5	8.76	82	646699	82.89	ng		0.00
42) 2,4,6-Tribromophenol	15.75	330	559653	145.14	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	1728240	81.86	ng		0.00
79) Terphenyl-d14	19.64	244	2807485	78.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	11505	4.372	ng		88
3) Pyridine	3.61	79	26544	4.414	ng		94
4) n-Nitrosodimethylamine	3.53	42	10631	4.802	ng	#	93
6) Aniline	6.95	93	44912	4.564	ng		98
8) 2-Chlorophenol	7.18	128	33737	4.942	ng		97
9) Benzaldehyde	6.77	77	23283	5.087	ng		91
10) Phenol	6.82	94	43869	5.275	ng		85
11) bis(2-Chloroethyl)ether	7.04	93	33608	4.948	ng		97
12) 1,3-Dichlorobenzene	7.49	146	37631	4.958	ng		98
13) 1,4-Dichlorobenzene	7.63	146	38198	4.888	ng		97
14) 1,2-Dichlorobenzene	7.95	146	37688	4.969	ng		97
15) Benzyl Alcohol	7.86	79	20798	3.662	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.13	45	50377	5.059	ng		93
17) 2-Methylphenol	8.06	107	30275	5.327	ng		97
18) Hexachloroethane	8.65	117	13267	4.846	ng		90
19) n-Nitroso-di-n-propylamine	8.40	70	26652	4.690	ng		97
20) 3+4-Methylphenols	8.40	107	40729	5.045	ng		95
22) Acetophenone	8.43	105	53963	4.975	ng		96
24) Nitrobenzene	8.80	77	41226	5.178	ng		98
25) Isophorone	9.32	82	76976	5.625	ng		98
26) 2-Nitrophenol	9.52	139	18582	4.434	ng		97
27) 2,4-Dimethylphenol	9.59	122	31280	5.309	ng		96
28) bis(2-Chloroethoxy)methane	9.80	93	48459	5.256	ng		96
29) 2,4-Dichlorophenol	10.09	162	31785	4.727	ng		97
30) 1,2,4-Trichlorobenzene	10.25	180	37061	4.849	ng		97
31) Naphthalene	10.42	128	115873	5.299	ng		100
32) Benzoic acid	9.73	122	8465	6.510	ng	#	77
33) 4-Chloroaniline	10.57	127	41675	4.314	ng		95
34) Hexachlorobutadiene	10.69	225	21078	4.621	ng		93
35) Caprolactam	11.32	113	10167	3.862	ng	#	89
36) 4-Chloro-3-methylphenol	11.72	107	37234	4.965	ng		95
37) 2-Methylnaphthalene	12.05	142	88511	5.665	ng		99
38) 1-Methylnaphthalene	12.26	142	84883	5.562	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	43072	4.547	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	6285	10.288	ng		98
43) 2,4,6-Trichlorophenol	12.69	196	26982	4.508	ng		96
44) 2,4,5-Trichlorophenol	12.79	196	29962	4.799	ng		95
46) 1,1'-Biphenyl	13.07	154	118559	4.717	ng		98
47) 2-Chloronaphthalene	13.12	162	88378	4.767	ng		98
48) 2-Nitroaniline	13.35	65	22630	4.155	ng		97
49) Acenaphthylene	13.96	152	149708	5.276	ng		99
50) Dimethylphthalate	13.71	163	118686	5.126	ng		100
51) 2,6-Dinitrotoluene	13.84	165	25367	4.827	ng		91
52) Acenaphthene	14.30	154	88104	5.124	ng		96
53) 3-Nitroaniline	14.19	138	21724	3.867	ng	#	95
54) 2,4-Dinitrophenol	14.47	184	5416	8.110	ng		91
55) Dibenzofuran	14.65	168	143143	5.118	ng		99
56) 4-Nitrophenol	14.60	139	5005	6.572	ng		92
57) 2,4-Dinitrotoluene	14.66	165	33769	4.739	ng		96
58) Fluorene	15.30	166	118806	5.504	ng		96
59) 2,3,4,6-Tetrachlorophenol	14.90	232	27773	5.066	ng	#	95
60) Diethylphthalate	15.07	149	120000	5.107	ng		98
61) 4-Chlorophenyl-phenylether	15.29	204	60239	5.023	ng		98
62) 4-Nitroaniline	15.37	138	21943	3.998	ng		96
63) Azobenzene	15.59	77	110635	5.095	ng		99
65) 4,6-Dinitro-2-methylphenol	15.45	198	15445	3.249	ng		97
66) n-Nitrosodiphenylamine	15.52	169	105497	4.947	ng		99
67) 4-Bromophenyl-phenylether	16.19	248	37977	4.950	ng		98
68) Hexachlorobenzene	16.32	284	42217	4.830	ng		96
69) Atrazine	16.47	200	36581	4.840	ng		98
70) Pentachlorophenol	16.69	266	8892	8.382	ng		97
71) Phenanthrene	17.05	178	192270	5.369	ng		98
72) Anthracene	17.14	178	191665	5.363	ng		99
73) Carbazole	17.43	167	176123	4.759	ng		100
74) Di-n-butylphthalate	17.97	149	202834	4.699	ng		99
75) Fluoranthene	19.07	202	224506	5.321	ng		99
77) Benzidine	19.27	184	21043	0.937	ng		99
78) Pyrene	19.44	202	231846	5.144	ng		99
80) Butylbenzylphthalate	20.34	149	96601	4.616	ng		99
81) Benzo(a)anthracene	21.19	228	241588	5.409	ng		99
82) 3,3'-Dichlorobenzidine	21.13	252	75088	4.063	ng		94
83) Chrysene	21.25	228	227537	5.300	ng		98
84) Bis(2-ethylhexyl)phthalate	21.12	149	145829	4.698	ng		100
85) Di-n-octyl phthalate	21.99	149	256749	4.820	ng		99
86) Indeno(1,2,3-cd)pyrene	25.62	276	258732	5.258	ng		99
88) Benzo(b)fluoranthene	22.76	252	238374	5.424	ng		99
89) Benzo(k)fluoranthene	22.80	252	238085	5.524	ng		99
90) Benzo(a)pyrene	23.32	252	232436	5.550	ng		99
91) Dibenzo(a,h)anthracene	25.62	278	216580	5.225	ng		99
92) Benzo(g,h,i)perylene	26.30	276	210959	5.301	ng		99

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

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