Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102418\
Data File : BN003281.D
Acq On : 24 Oct 2018 20:52
Operator : MJ/SJ
Sample : J5164-03
Misc : MDL 2PPM
ALS Vial : 17 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
10/25/2018 3:20:17 PM

Quant Time: Oct 25 06:52:32 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	95788	20.00	ng		0.00
21) Naphthalene-d8	10.37	136	445215	20.00	ng		0.00
39) Acenaphthene-d10	14.24	164	287203	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	672374	20.00	ng		0.00
76) Chrysene-d12	21.21	240	771260	20.00	ng		0.00
87) Perylene-d12	23.41	264	806051	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	767369	139.53	ng		0.00
7) Phenol-d6	6.80	99	1068723	136.66	ng		0.00
23) Nitrobenzene-d5	8.76	82	635291	81.83	ng		0.00
42) 2,4,6-Tribromophenol	15.75	330	536930	138.84	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	1709565	80.74	ng		0.00
79) Terphenyl-d14	19.64	244	2766268	76.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	5322	2.038	ng		99
3) Pyridine	3.64	79	7242	1.214	ng	#	86
4) n-Nitrosodimethylamine	3.50	42	119	0.054	ng	#	1
6) Aniline	6.95	93	15363	1.573	ng		97
8) 2-Chlorophenol	7.18	128	13401	1.978	ng		84
9) Benzaldehyde	6.79	77	10204	2.247	ng		84
10) Phenol	6.82	94	16947	2.054	ng	#	54
11) bis(2-Chloroethyl)ether	7.05	93	13348	1.980	ng		98
12) 1,3-Dichlorobenzene	7.49	146	14781	1.963	ng		99
13) 1,4-Dichlorobenzene	7.64	146	14821	1.911	ng		91
14) 1,2-Dichlorobenzene	7.95	146	15968	2.122	ng		99
15) Benzyl Alcohol	7.88	79	4341	0.770	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.14	45	19572	1.980	ng		97
17) 2-Methylphenol	8.08	107	11004	1.951	ng		94
18) Hexachloroethane	8.66	117	5119	1.884	ng		93
19) n-Nitroso-di-n-propylamine	8.40	70	9951	1.765	ng		90
20) 3+4-Methylphenols	8.43	107	14264m	1.780	ng		
22) Acetophenone	8.43	105	20533	1.903	ng	#	97
24) Nitrobenzene	8.80	77	17957	2.267	ng		93
25) Isophorone	9.32	82	28456	2.090	ng		96
26) 2-Nitrophenol	9.53	139	5170	1.240	ng	#	91
27) 2,4-Dimethylphenol	9.63	122	10416	1.777	ng		93
28) bis(2-Chloroethoxy)methane	9.83	93	18414	2.007	ng	#	88
29) 2,4-Dichlorophenol	10.13	162	11647	1.741	ng		91
30) 1,2,4-Trichlorobenzene	10.25	180	14661	1.928	ng		95
31) Naphthalene	10.42	128	47194	2.169	ng		98
32) Benzoic acid	9.82	122	1024	5.189	ng	#	55
33) 4-Chloroaniline	10.60	127	13351	1.389	ng		96
34) Hexachlorobutadiene	10.70	225	8674	1.911	ng		95
35) Caprolactam	11.35	113	2798	1.068	ng		92
36) 4-Chloro-3-methylphenol	11.74	107	13005	1.743	ng		87
37) 2-Methylnaphthalene	12.05	142	34762	2.236	ng		97
38) 1-Methylnaphthalene	12.27	142	34056	2.243	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	16901	1.779	ng		99

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Quant Time: Oct 25 06:52:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	817	9.105	ng		92
43) 2,4,6-Trichlorophenol	12.71	196	9392	1.565	ng		91
44) 2,4,5-Trichlorophenol	12.82	196	10705	1.710	ng		96
46) 1,1'-Biphenyl	13.08	154	47628	1.889	ng		97
47) 2-Chloronaphthalene	13.12	162	34354	1.848	ng		97
48) 2-Nitroaniline	13.38	65	8110	1.484	ng		89
49) Acenaphthylene	13.97	152	58308	2.049	ng		98
50) Dimethylphthalate	13.72	163	47047	2.026	ng		99
51) 2,6-Dinitrotoluene	13.85	165	9101	1.727	ng	#	90
52) Acenaphthene	14.31	154	35470	2.057	ng		97
53) 3-Nitroaniline	14.22	138	6141	1.090	ng	#	90
55) Dibenzofuran	14.66	168	56265	2.006	ng		99
56) 4-Nitrophenol	14.66	139	22978	10.694	ng	#	18
57) 2,4-Dinitrotoluene	14.66	165	10802	1.512	ng	#	81
58) Fluorene	15.30	166	45993	2.125	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.91	232	9453	1.719	ng	#	96
60) Diethylphthalate	15.07	149	44883	1.905	ng		98
61) 4-Chlorophenyl-phenylether	15.30	204	23111	1.922	ng		96
62) 4-Nitroaniline	15.40	138	5233	0.951	ng		96
63) Azobenzene	15.59	77	42810	1.966	ng		98
65) 4,6-Dinitro-2-methylphenol	15.47	198	3447	0.735	ng		90
66) n-Nitrosodiphenylamine	15.52	169	39888	1.895	ng		97
67) 4-Bromophenyl-phenylether	16.19	248	14870	1.964	ng		98
68) Hexachlorobenzene	16.32	284	16795	1.947	ng		96
69) Atrazine	16.48	200	13576	1.820	ng		95
70) Pentachlorophenol	16.71	266	2291	7.015	ng	#	78
71) Phenanthrene	17.05	178	75923	2.148	ng		98
72) Anthracene	17.15	178	74458	2.111	ng		98
73) Carbazole	17.44	167	66533	1.821	ng		99
74) Di-n-butylphthalate	17.97	149	74723	1.754	ng		97
75) Fluoranthene	19.08	202	88875	2.134	ng		99
77) Benzidine	19.30	184	13998	0.620	ng	#	94
78) Pyrene	19.45	202	91157	2.011	ng		97
80) Butylbenzylphthalate	20.34	149	35441	1.684	ng		97
81) Benzo(a)anthracene	21.19	228	95005	2.115	ng		99
82) 3,3'-Dichlorobenzidine	21.15	252	26545	1.428	ng		94
83) Chrysene	21.25	228	92425	2.141	ng		97
84) Bis(2-ethylhexyl)phthalate	21.12	149	54758	1.754	ng		97
85) Di-n-octyl phthalate	21.99	149	98109	1.832	ng		99
86) Indeno(1,2,3-cd)pyrene	25.64	276	101759	2.056	ng		99
88) Benzo(b)fluoranthene	22.76	252	96570	2.176	ng		99
89) Benzo(k)fluoranthene	22.81	252	93399	2.146	ng		99
90) Benzo(a)pyrene	23.32	252	91139	2.155	ng		99
91) Dibenzo(a,h)anthracene	25.64	278	87740	2.096	ng		97
92) Benzo(g,h,i)perylene	26.32	276	84329	2.098	ng		98

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

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