Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018375.D
Acq On : 22 Dec 2018 02:07
Operator : JU/SJ
Sample : J6500-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SOIL-CUTTINGSMSD

Manual Integrations APPROVED
Sohil
12/26/2018 3:20:24 PM

Quant Time: Dec 22 05:58:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	101558	20.00	ng		-0.02
21) Naphthalene-d8	10.25	136	435186	20.00	ng		-0.02
39) Acenaphthene-d10	14.14	164	236956	20.00	ng		-0.02
64) Phenanthrene-d10	16.91	188	469473	20.00	ng		-0.01
76) Chrysene-d12	21.13	240	400586	20.00	ng		-0.01
87) Perylene-d12	23.30	264	438246	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	558196	91.82	ng		0.00
7) Phenol-d6	6.70	99	760395	89.99	ng		0.00
23) Nitrobenzene-d5	8.64	82	518271	61.09	ng		-0.02
42) 2,4,6-Tribromophenol	15.66	330	248367	71.41	ng		-0.01
45) 2-Fluorobiphenyl	12.74	172	1022250	55.88	ng		-0.02
79) Terphenyl-d14	19.57	244	1172501	66.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	56374	23.408	ng		95
3) Pyridine	3.50	79	196752	27.771	ng		94
4) n-Nitrosodimethylamine	3.42	42	87701	35.963	ng		92
6) Aniline	6.83	93	192542	18.164	ng		97
8) 2-Chlorophenol	7.06	128	207231	28.850	ng		95
9) Benzaldehyde	6.65	77	166291	32.286	ng		86
10) Phenol	6.72	94	321733	35.952	ng		89
11) bis(2-Chloroethyl)ether	6.93	93	189724	26.675	ng		97
12) 1,3-Dichlorobenzene	7.36	146	212127	26.446	ng	#	95
13) 1,4-Dichlorobenzene	7.52	146	209726	25.748	ng		96
14) 1,2-Dichlorobenzene	7.82	146	209860	26.727	ng		96
15) Benzyl Alcohol	7.74	79	211407	30.704	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.02	45	141705	22.140	ng		85
17) 2-Methylphenol	7.95	107	178608	29.890	ng		90
18) Hexachloroethane	8.53	117	64727	21.681	ng		92
19) n-Nitroso-di-n-propylamine	8.29	70	177080	28.066	ng	#	93
20) 3+4-Methylphenols	8.28	107	237683	28.387	ng		93
22) Acetophenone	8.30	105	322476	28.001	ng		97
24) Nitrobenzene	8.69	77	266057	31.384	ng		91
25) Isophorone	9.20	82	452057	32.004	ng		96
26) 2-Nitrophenol	9.39	139	71639	17.230	ng	#	87
27) 2,4-Dimethylphenol	9.46	122	178658	29.814	ng		93
28) bis(2-Chloroethoxy)methane	9.69	93	255520	27.752	ng		98
29) 2,4-Dichlorophenol	9.92	162	196673	29.601	ng		97
30) 1,2,4-Trichlorobenzene	10.12	180	215066	28.457	ng		93
31) Naphthalene	10.30	128	620803	29.174	ng		100
32) Benzoic acid	9.60	122	55305m	9.747	ng		
33) 4-Chloroaniline	10.43	127	158039	16.955	ng		95
34) Hexachlorobutadiene	10.56	225	133216	27.871	ng		99
35) Caprolactam	11.25	113	56733	22.409	ng		94
36) 4-Chloro-3-methylphenol	11.59	107	219010	27.433	ng		97
37) 2-Methylnaphthalene	11.92	142	443272	29.538	ng		97
38) 1-Methylnaphthalene	12.15	142	419961	28.679	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.30	216	235948	28.957	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	10154	10.648	ng		93
43) 2,4,6-Trichlorophenol	12.57	196	149123	28.454	ng		99
44) 2,4,5-Trichlorophenol	12.65	196	154182	27.712	ng		95
46) 1,1'-Biphenyl	12.96	154	566646	26.581	ng		98
47) 2-Chloronaphthalene	13.00	162	438295	27.934	ng		97
48) 2-Nitroaniline	13.24	65	169873	35.146	ng		88
49) Acenaphthylene	13.86	152	684656	28.956	ng		99
50) Dimethylphthalate	13.62	163	656447	33.323	ng		99
51) 2,6-Dinitrotoluene	13.75	165	102594	23.690	ng	#	83
52) Acenaphthene	14.21	154	406142	28.107	ng		99
53) 3-Nitroaniline	14.09	138	122684	26.920	ng		89
54) 2,4-Dinitrophenol	14.33	184	1217	0.509	ng	#	69
55) Dibenzofuran	14.55	168	646745	27.855	ng		97
56) 4-Nitrophenol	14.44	139	131329	38.008	ng		81
57) 2,4-Dinitrotoluene	14.56	165	137561	22.980	ng	#	83
58) Fluorene	15.20	166	524214	29.232	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.79	232	127422m	25.430	ng		
60) Diethylphthalate	14.99	149	560835	26.380	ng		98
61) 4-Chlorophenyl-phenylether	15.20	204	273323	26.950	ng		96
62) 4-Nitroaniline	15.26	138	118305	27.358	ng	#	70
63) Azobenzene	15.50	77	594507	30.669	ng		94
65) 4,6-Dinitro-2-methylphenol	15.34	198	2000	0.579	ng	#	72
66) n-Nitrosodiphenylamine	15.43	169	455712	29.354	ng		100
67) 4-Bromophenyl-phenylether	16.10	248	162294	28.544	ng		98
68) Hexachlorobenzene	16.21	284	174626	28.035	ng	#	93
69) Atrazine	16.40	200	157822	30.113	ng		97
70) Pentachlorophenol	16.57	266	146719	35.665	ng		99
71) Phenanthrene	16.95	178	743054	29.139	ng		99
72) Anthracene	17.04	178	756843	29.917	ng		99
73) Carbazole	17.33	167	643688	24.789	ng		99
74) Di-n-butylphthalate	17.89	149	914722	28.550	ng		99
75) Fluoranthene	18.99	202	745459	25.143	ng		99
77) Benzidine	19.20	184	523371	51.523	ng		99
78) Pyrene	19.35	202	745147	31.218	ng		99
80) Butylbenzylphthalate	20.27	149	346850	30.546	ng		94
81) Benzo(a)anthracene	21.12	228	693122	29.620	ng		99
82) 3,3'-Dichlorobenzidine	21.06	252	269285	28.805	ng		98
83) Chrysene	21.17	228	653915	29.053	ng		100
84) Bis(2-ethylhexyl)phthalate	21.06	149	510792	30.183	ng		98
85) Di-n-octyl phthalate	21.91	149	831339	29.995	ng	#	96
86) Indeno(1,2,3-cd)pyrene	25.44	276	883337	39.399	ng		97
88) Benzo(b)fluoranthene	22.66	252	730710	29.683	ng		99
89) Benzo(k)fluoranthene	22.70	252	677809	27.647	ng		98
90) Benzo(a)pyrene	23.20	252	698737	29.844	ng		98
91) Dibenzo(a,h)anthracene	25.44	278	753357	34.735	ng		99
92) Benzo(g,h,i)perylene	26.10	276	712647	34.761	ng		97

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

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