Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
Data File : BF108023.D
Acq On : 8 Aug 2018 16:54
Operator : JU/SJ
Sample : J3762-03
Misc : MDL 1 PPM
ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
8/9/2018 5:01:19 PM

Quant Time: Aug 09 10:07:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	257518	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1027094	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	553180	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	1154979	20.00	ng		0.00
75) Chrysene-d12	14.21	240	1056292	20.00	ng		0.00
86) Perylene-d12	15.77	264	911791	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	1804025	126.83	ng		0.00
7) Phenol-d6	6.63	99	2410855	127.55	ng		0.00
23) Nitrobenzene-d5	7.58	82	1523509	82.77	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	767721	139.13	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	2786624	80.87	ng		0.00
78) Terphenyl-d14	13.15	244	3408190	82.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	8378	1.146	ng	#	78
3) Pyridine	3.77	79	20560m	1.092	ng		
4) n-Nitrosodimethylamine	3.64	42	12339	1.165	ng	#	75
6) Aniline	6.68	93	15671	0.610	ng	#	90
8) 2-Chlorophenol	6.80	128	18866	1.178	ng		84
9) Benzaldehyde	6.57	77	14774	1.008	ng		97
10) Phenol	6.64	94	23913	1.223	ng	#	57
11) bis(2-Chloroethyl)ether	6.74	93	18385	1.163	ng		87
12) 1,3-Dichlorobenzene	6.95	146	21236	1.146	ng		94
13) 1,4-Dichlorobenzene	7.03	146	22212	1.194	ng		96
14) 1,2-Dichlorobenzene	7.18	146	20309	1.173	ng		97
15) Benzyl Alcohol	7.17	79	36177	2.274	ng	#	40
16) 2,2'-oxybis(1-Chloropropan	7.28	45	38979	1.197	ng		98
17) 2-Methylphenol	7.24	107	17294	1.259	ng	#	92
18) Hexachloroethane	7.53	117	7766	1.172	ng		92
19) n-Nitroso-di-n-propylamine	7.41	70	14729	1.152	ng	#	78
20) 3+4-Methylphenols	7.40	107	20787	1.181	ng		94
22) Acetophenone	7.41	105	30170	1.256	ng	#	93
24) Nitrobenzene	7.59	77	26172	1.406	ng		93
25) Isophorone	7.82	82	39012m	1.112	ng		
26) 2-Nitrophenol	7.91	139	5580	0.794	ng		98
27) 2,4-Dimethylphenol	7.93	122	17718	1.138	ng		93
28) bis(2-Chloroethoxy)methane	8.03	93	23737	1.159	ng		97
29) 2,4-Dichlorophenol	8.14	162	13577	0.947	ng		95
30) 1,2,4-Trichlorobenzene	8.24	180	18512	1.172	ng		98
31) Naphthalene	8.32	128	59061	1.264	ng		97
32) Benzoic acid	7.94	122	1910m	6.160	ng		
33) 4-Chloroaniline	8.36	127	14240	0.700	ng		97
34) Hexachlorobutadiene	8.43	225	11501	1.150	ng		94
35) Caprolactam	8.67	113	3679	0.819	ng	#	60
36) 4-Chloro-3-methylphenol	8.82	107	14821	0.959	ng		98
37) 2-Methylnaphthalene	9.01	142	41858	1.267	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	20344	1.198	ng		97
40) Hexachlorocyclopentadiene	9.16	237	9724	0.886	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	8338	0.791	ng		99
43) 2,4,5-Trichlorophenol	9.31	196	9962	0.858	ng	#	92
45) 1,1'-Biphenyl	9.47	154	54842	1.345	ng		98
46) 2-Chloronaphthalene	9.50	162	39740	1.233	ng		93
47) 2-Nitroaniline	9.59	65	9329	0.894	ng		88
48) Acenaphthylene	9.92	152	62848	1.233	ng		98
49) Dimethylphthalate	9.76	163	46045	1.195	ng		97
50) 2,6-Dinitrotoluene	9.83	165	7522	0.933	ng	#	88
51) Acenaphthene	10.09	154	39350	1.261	ng		95
52) 3-Nitroaniline	10.00	138	6832	0.775	ng	#	89
53) 2,4-Dinitrophenol	10.10	184	674	7.224	ng	#	1
54) Dibenzofuran	10.27	168	59976	1.326	ng		97
55) 4-Nitrophenol	10.14	139	4387	0.657	ng	#	82
56) 2,4-Dinitrotoluene	10.23	165	8177	0.788	ng	#	77
57) Fluorene	10.61	166	48351	1.351	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.38	232	7587	0.782	ng	#	90
59) Diethylphthalate	10.47	149	44389	1.190	ng		97
60) 4-Chlorophenyl-phenylether	10.60	204	22631	1.213	ng		93
61) 4-Nitroaniline	10.61	138	7793	0.894	ng		86
62) Azobenzene	10.76	77	47224	1.225	ng		95
64) 4,6-Dinitro-2-methylphenol	10.64	198	1668	5.700	ng	#	48
65) n-Nitrosodiphenylamine	10.71	169	39168	1.148	ng		98
66) 4-Bromophenyl-phenylether	11.09	248	14078	1.122	ng		87
67) Hexachlorobenzene	11.16	284	14888	1.127	ng	#	87
68) Atrazine	11.23	200	12100	1.057	ng		98
69) Pentachlorophenol	11.35	266	3168	0.501	ng		97
70) Phenanthrene	11.58	178	71851	1.319	ng		99
71) Anthracene	11.63	178	71693	1.284	ng		98
72) Carbazole	11.78	167	60719	1.224	ng		98
73) Di-n-butylphthalate	12.11	149	62790	1.117	ng		100
74) Fluoranthene	12.77	202	76949	1.294	ng		94
76) Benzidine	12.89	184	8311	0.211	ng	#	88
77) Pyrene	13.01	202	78363	1.172	ng		99
79) Butylbenzylphthalate	13.61	149	20533	0.773	ng	#	96
80) Benzo(a)anthracene	14.20	228	71997	1.188	ng		98
81) 3,3'-Dichlorobenzidine	14.15	252	12138	0.559	ng		99
82) Chrysene	14.24	228	70812	1.274	ng		97
83) Bis(2-ethylhexyl)phthalate	14.17	149	32056	0.891	ng		99
84) Di-n-octyl phthalate	14.80	149	42445	0.774	ng	#	91
85) Indeno(1,2,3-cd)pyrene	17.38	276	45212	0.939	ng		94
87) Benzo(b)fluoranthene	15.29	252	60225	1.105	ng	#	95
88) Benzo(k)fluoranthene	15.32	252	55392	1.106	ng	#	91
89) Benzo(a)pyrene	15.69	252	49598	1.017	ng		97
90) Dibenzo(a,h)anthracene	17.39	278	37317	0.924	ng	#	92
91) Benzo(g,h,i)perylene	17.86	276	38621	0.972	ng	#	87

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

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