Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
Data File : BF108036.D
Acq On : 8 Aug 2018 22:54
Operator : JU/SJ
Sample : J3762-03
Misc : MDL 2 PPM
ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
8/9/2018 5:01:43 PM

Quant Time: Aug 09 08:05:15 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	287677	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	1155392	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	619067	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	1288389	20.00	ng		0.00
75) Chrysene-d12	14.21	240	1112768	20.00	ng		-0.01
86) Perylene-d12	15.76	264	927652	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	2032842	127.93	ng		0.00
7) Phenol-d6	6.63	99	2723598	128.99	ng		0.00
23) Nitrobenzene-d5	7.58	82	1770855	85.53	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	876532	141.95	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	3151084	81.72	ng		0.00
78) Terphenyl-d14	13.15	244	3764171	86.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	17389	2.130	ng	#	87
3) Pyridine	3.76	79	45650	2.170	ng	#	77
4) n-Nitrosodimethylamine	3.64	42	26104m	2.206	ng		
6) Aniline	6.68	93	38383	1.336	ng		94
8) 2-Chlorophenol	6.79	128	39674	2.217	ng		86
9) Benzaldehyde	6.57	77	32288	1.972	ng		94
10) Phenol	6.64	94	48657	2.228	ng	#	10
11) bis(2-Chloroethyl)ether	6.74	93	40377	2.287	ng		93
12) 1,3-Dichlorobenzene	6.95	146	46557	2.250	ng		99
13) 1,4-Dichlorobenzene	7.03	146	48002	2.309	ng		96
14) 1,2-Dichlorobenzene	7.18	146	42697	2.208	ng		99
15) Benzyl Alcohol	7.14	79	23587	1.327	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	82379	2.265	ng		97
17) 2-Methylphenol	7.24	107	35056	2.284	ng		94
18) Hexachloroethane	7.53	117	15877	2.145	ng	#	89
19) n-Nitroso-di-n-propylamine	7.41	70	31875	2.232	ng	#	83
20) 3+4-Methylphenols	7.39	107	44735	2.275	ng		92
22) Acetophenone	7.41	105	62631	2.318	ng		93
24) Nitrobenzene	7.59	77	51601	2.465	ng		91
25) Isophorone	7.82	82	84974	2.153	ng	#	93
26) 2-Nitrophenol	7.91	139	12589	1.592	ng		91
27) 2,4-Dimethylphenol	7.93	122	37841	2.160	ng		95
28) bis(2-Chloroethoxy)methane	8.03	93	51711	2.245	ng		97
29) 2,4-Dichlorophenol	8.14	162	30331	1.882	ng		97
30) 1,2,4-Trichlorobenzene	8.23	180	39070	2.198	ng		97
31) Naphthalene	8.32	128	126405	2.406	ng		99
32) Benzoic acid	7.96	122	5653	6.461	ng		93
33) 4-Chloroaniline	8.36	127	32880	1.436	ng		98
34) Hexachlorobutadiene	8.43	225	24761	2.201	ng		97
35) Caprolactam	8.68	113	10037	1.987	ng	#	84
36) 4-Chloro-3-methylphenol	8.82	107	35372	2.034	ng		95
37) 2-Methylnaphthalene	9.01	142	87968	2.366	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	44079	2.319	ng		96
40) Hexachlorocyclopentadiene	9.16	237	22991	1.872	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	20660	1.751	ng		97
43) 2,4,5-Trichlorophenol	9.31	196	26589	2.047	ng		95
45) 1,1'-Biphenyl	9.47	154	115593	2.533	ng		99
46) 2-Chloronaphthalene	9.50	162	86785	2.406	ng		94
47) 2-Nitroaniline	9.59	65	22258	1.907	ng		85
48) Acenaphthylene	9.92	152	138743	2.433	ng		100
49) Dimethylphthalate	9.76	163	102416	2.375	ng		98
50) 2,6-Dinitrotoluene	9.83	165	18469	2.047	ng		96
51) Acenaphthene	10.09	154	85548	2.449	ng		98
52) 3-Nitroaniline	10.00	138	17103	1.733	ng	#	96
53) 2,4-Dinitrophenol	10.10	184	2118	7.593	ng	#	1
54) Dibenzofuran	10.27	168	127281	2.515	ng		99
55) 4-Nitrophenol	10.14	139	11496	1.538	ng		90
56) 2,4-Dinitrotoluene	10.23	165	20709	1.783	ng	#	88
57) Fluorene	10.61	166	102008	2.546	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.38	232	19667	1.812	ng	#	92
59) Diethylphthalate	10.47	149	97734	2.341	ng		97
60) 4-Chlorophenyl-phenylether	10.60	204	49245	2.359	ng		88
61) 4-Nitroaniline	10.61	138	19004	1.947	ng		89
62) Azobenzene	10.76	77	100695	2.335	ng		93
64) 4,6-Dinitro-2-methylphenol	10.64	198	4245	6.138	ng	#	74
65) n-Nitrosodiphenylamine	10.71	169	86998	2.285	ng		95
66) 4-Bromophenyl-phenylether	11.09	248	32722	2.337	ng		91
67) Hexachlorobenzene	11.16	284	33350	2.264	ng	#	84
68) Atrazine	11.23	200	26618	2.084	ng		97
69) Pentachlorophenol	11.35	266	9187	1.303	ng		96
70) Phenanthrene	11.58	178	156697	2.579	ng		97
71) Anthracene	11.63	178	157914	2.535	ng		98
72) Carbazole	11.78	167	133413	2.411	ng		97
73) Di-n-butylphthalate	12.11	149	142948	2.281	ng		100
74) Fluoranthene	12.77	202	165251	2.492	ng		94
76) Benzidine	12.89	184	20182	0.485	ng	#	90
77) Pyrene	13.00	202	167085	2.372	ng		97
79) Butylbenzylphthalate	13.61	149	46682	1.669	ng		97
80) Benzo(a)anthracene	14.19	228	148907	2.332	ng		98
81) 3,3'-Dichlorobenzidine	14.15	252	25417	1.111	ng		96
82) Chrysene	14.23	228	140277	2.396	ng		99
83) Bis(2-ethylhexyl)phthalate	14.17	149	70752	1.868	ng		99
84) Di-n-octyl phthalate	14.79	149	93253	1.614	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.36	276	89114	1.757	ng	#	93
87) Benzo(b)fluoranthene	15.29	252	117523	2.120	ng		98
88) Benzo(k)fluoranthene	15.32	252	117050	2.297	ng	#	96
89) Benzo(a)pyrene	15.69	252	103628	2.088	ng	#	96
90) Dibenzo(a,h)anthracene	17.39	278	74470	1.813	ng	#	93
91) Benzo(g,h,i)perylene	17.85	276	75538	1.868	ng	#	91

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

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