Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032018\
Data File : BF103810.D
Acq On : 20 Mar 2018 18:51
Operator : JU/SJ
Sample : J1975-05MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FS-SOILMS

Manual Integrations APPROVED
Sohil
3/22/2018 12:57:41 PM

Quant Time: Mar 21 01:37:13 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	160196	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	641509	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	288245	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	468901	20.00	ng		0.01
75) Chrysene-d12	14.16	240	285866	20.00	ng		0.01
86) Perylene-d12	15.70	264	269263	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1295340	122.99	ng		0.02
7) Phenol-d6	6.60	99	1727671	134.08	ng		0.02
23) Nitrobenzene-d5	7.55	82	995728	108.24	ng		0.01
41) 2,4,6-Tribromophenol	10.82	330	372069	150.13	ng		0.02
44) 2-Fluorobiphenyl	9.33	172	1587261	87.84	ng		0.00
78) Terphenyl-d14	13.10	244	1315648	106.83	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	191803	36.984	ng	#	89
3) Pyridine	3.66	79	485935	34.066	ng		86
4) n-Nitrosodimethylamine	3.62	42	219416	41.717	ng	#	76
6) Aniline	6.65	93	445234	24.198	ng		96
8) 2-Chlorophenol	6.76	128	494896	44.855	ng		95
9) Benzaldehyde	6.53	77	159333	18.822	ng		93
10) Phenol	6.62	94	637037	46.525	ng		99
11) bis(2-Chloroethyl)ether	6.71	93	491914	43.520	ng		95
12) 1,3-Dichlorobenzene	6.92	146	503192	40.043	ng		99
13) 1,4-Dichlorobenzene	6.99	146	489322	38.751	ng		100
14) 1,2-Dichlorobenzene	7.15	146	452290	38.600	ng		99
15) Benzyl Alcohol	7.12	79	402016	40.267	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.25	45	590825	36.750	ng		93
17) 2-Methylphenol	7.22	107	400927	40.806	ng		97
18) Hexachloroethane	7.49	117	164497	37.035	ng		99
19) n-Nitroso-di-n-propylamine	7.39	70	306874	37.161	ng		93
20) 3+4-Methylphenols	7.37	107	482428	38.690	ng	#	87
22) Acetophenone	7.39	105	611121	37.067	ng	#	93
24) Nitrobenzene	7.56	77	477649	44.227	ng		92
25) Isophorone	7.79	82	893337	41.950	ng		99
26) 2-Nitrophenol	7.87	139	253100	58.921	ng	#	88
27) 2,4-Dimethylphenol	7.90	122	433945	47.566	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	574195	44.528	ng		98
29) 2,4-Dichlorophenol	8.11	162	385759	46.477	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	391437	40.662	ng		99
31) Naphthalene	8.28	128	1295577	39.980	ng		100
32) Benzoic acid	7.97	122	70830	18.638	ng		97
33) 4-Chloroaniline	8.32	127	165226	12.153	ng		96
34) Hexachlorobutadiene	8.39	225	206709	39.164	ng		99
35) Caprolactam	8.70	113	119594m	41.845	ng		
36) 4-Chloro-3-methylphenol	8.80	107	420577	45.965	ng		97
37) 2-Methylnaphthalene	8.97	142	877941	42.722	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	374278	45.514	ng		99
40) Hexachlorocyclopentadiene	9.12	237	109142	25.721	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	266254	50.620	ng		100
43) 2,4,5-Trichlorophenol	9.29	196	280577	47.261	ng		95
45) 1,1'-Biphenyl	9.43	154	971667	40.426	ng		100
46) 2-Chloronaphthalene	9.46	162	776145	40.656	ng		100
47) 2-Nitroaniline	9.56	65	242473	48.474	ng		96
48) Acenaphthylene	9.88	152	1173569	39.643	ng		99
49) Dimethylphthalate	9.73	163	1054188	47.936	ng		100
50) 2,6-Dinitrotoluene	9.80	165	205111	48.196	ng		97
51) Acenaphthene	10.05	154	690613	39.290	ng		100
52) 3-Nitroaniline	9.97	138	157156	32.188	ng		94
53) 2,4-Dinitrophenol	10.07	184	33594	41.465	ng	#	16
54) Dibenzofuran	10.23	168	1032462	41.127	ng		99
55) 4-Nitrophenol	10.13	139	349153	86.301	ng		93
56) 2,4-Dinitrotoluene	10.20	165	269428	49.733	ng		96
57) Fluorene	10.57	166	776419	39.856	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	201140	47.815	ng		94
59) Diethylphthalate	10.43	149	866062	39.678	ng		98
60) 4-Chlorophenyl-phenylether	10.56	204	366046	41.116	ng		95
61) 4-Nitroaniline	10.59	138	199796	41.285	ng		95
62) Azobenzene	10.72	77	831299	37.461	ng		95
64) 4,6-Dinitro-2-methylphenol	10.62	198	38181	29.021	ng	#	71
65) n-Nitrosodiphenylamine	10.67	169	721458	45.203	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	233280	48.455	ng	#	88
67) Hexachlorobenzene	11.12	284	244367	44.472	ng		96
68) Atrazine	11.20	200	239474	48.503	ng		97
69) Pentachlorophenol	11.31	266	211977	67.101	ng		96
70) Phenanthrene	11.54	178	1047461	40.837	ng		99
71) Anthracene	11.59	178	1075728	41.292	ng		99
72) Carbazole	11.74	167	1001542	39.554	ng		100
73) Di-n-butylphthalate	12.06	149	1300518	42.805	ng		100
74) Fluoranthene	12.73	202	953356	36.077	ng		99
76) Benzidine	12.84	184	471493	38.671	ng		98
77) Pyrene	12.96	202	964973	45.965	ng		99
79) Butylbenzylphthalate	13.57	149	508485	54.668	ng		94
80) Benzo(a)anthracene	14.15	228	749633	41.427	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	267374	44.174	ng		98
82) Chrysene	14.19	228	702713	40.739	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	632562	47.605	ng		99
84) Di-n-octyl phthalate	14.75	149	1002168	51.842	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.28	276	648639	43.059	ng		99
87) Benzo(b)fluoranthene	15.24	252	745977	43.852	ng		98
88) Benzo(k)fluoranthene	15.28	252	630374	38.549	ng		99
89) Benzo(a)pyrene	15.64	252	657262	42.598	ng		99
90) Dibenzo(a,h)anthracene	17.30	278	557053	41.694	ng		98
91) Benzo(g,h,i)perylene	17.76	276	512461	39.427	ng		98

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

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