Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113295.D
Acq On : 26 Mar 2019 16:58
Operator : JU/SJ
Sample : K1560-02
Misc : 20PPM LOQ
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT1-2019

Manual Integrations APPROVED
Sohil
3/27/2019 3:17:43 PM

Quant Time: Mar 27 07:07:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	155653	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	600198	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	310889	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	632911	20.00	ng	0.00
76) Chrysene-d12	13.84	240	554087	20.00	ng	0.00
87) Perylene-d12	15.24	264	559544	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1207126	126.81	ng	0.00
7) Phenol-d6	6.36	99	1460990	121.32	ng	0.00
23) Nitrobenzene-d5	7.27	82	893042	88.31	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	482092	125.54	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1633548	81.66	ng	0.00
79) Terphenyl-d14	12.79	244	1896613	75.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.37	88	96204	19.919	ng	99
3) Pyridine	3.11	79	227759	19.129	ng	98
4) n-Nitrosodimethylamine	3.00	42	99023	18.708	ng	93
6) Aniline	6.36	93	291785	19.897	ng	89
8) 2-Chlorophenol	6.49	128	218890	19.801	ng	96
9) Benzaldehyde	6.25	77	159745	19.768	ng	99
10) Phenol	6.36	94	276302	20.097	ng	97
11) bis(2-Chloroethyl)ether	6.44	93	204088	19.366	ng	99
12) 1,3-Dichlorobenzene	6.65	146	243092	20.401	ng	97
13) 1,4-Dichlorobenzene	6.72	146	243846	21.194	ng	98
14) 1,2-Dichlorobenzene	6.87	146	227500	20.099	ng	97
15) Benzyl Alcohol	6.85	79	176654	22.236	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	339601	21.451	ng	99
17) 2-Methylphenol	6.97	107	178263	20.577	ng	96
18) Hexachloroethane	7.22	117	90383	21.872	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	153458	20.287	ng	96
20) 3+4-Methylphenols	7.12	107	226285	18.298	ng	95
22) Acetophenone	7.11	105	298362	21.798	ng	97
24) Nitrobenzene	7.29	77	238921	22.642	ng	98
25) Isophorone	7.52	82	399433	20.382	ng	97
26) 2-Nitrophenol	7.60	139	117328	21.035	ng	94
27) 2,4-Dimethylphenol	7.65	122	170529	21.254	ng	96
28) bis(2-Chloroethoxy)methane	7.74	93	258619	20.956	ng	99
29) 2,4-Dichlorophenol	7.85	162	183410	21.094	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	200912	21.417	ng	98
31) Naphthalene	8.00	128	661238	22.545	ng	99
32) Benzoic acid	7.76	122	112023	17.345	ng	98
33) 4-Chloroaniline	8.06	127	267760	23.411	ng	100
34) Hexachlorobutadiene	8.13	225	119398	21.415	ng	100
35) Caprolactam	8.41	113	60915	21.829	ng	94
36) 4-Chloro-3-methylphenol	8.55	107	192441	22.005	ng	95
37) 2-Methylnaphthalene	8.70	142	425294	23.239	ng	98
38) 1-Methylnaphthalene	8.80	142	420222	23.872	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	209070	20.950	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	62954	14.904	ng		100
43) 2,4,6-Trichlorophenol	8.98	196	132311	20.360	ng		100
44) 2,4,5-Trichlorophenol	9.03	196	145894	20.286	ng		97
46) 1,1'-Biphenyl	9.16	154	571874	22.025	ng		99
47) 2-Chloronaphthalene	9.18	162	427208	21.369	ng		99
48) 2-Nitroaniline	9.28	65	135180	21.547	ng		98
49) Acenaphthylene	9.59	152	730365	22.594	ng		99
50) Dimethylphthalate	9.46	163	493475	21.419	ng		99
51) 2,6-Dinitrotoluene	9.52	165	112831	21.708	ng		91
52) Acenaphthene	9.77	154	404494	22.220	ng		99
53) 3-Nitroaniline	9.69	138	128374	21.901	ng		92
54) 2,4-Dinitrophenol	9.80	184	49620	19.195	ng	#	84
55) Dibenzofuran	9.94	168	625513	22.857	ng		98
56) 4-Nitrophenol	9.86	139	85339	20.422	ng		93
57) 2,4-Dinitrotoluene	9.93	165	147847	22.368	ng		93
58) Fluorene	10.28	166	484896	22.808	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	129037	21.217	ng		98
60) Diethylphthalate	10.16	149	481869	21.320	ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	234710	22.652	ng		93
62) 4-Nitroaniline	10.30	138	135697	22.485	ng		96
63) Azobenzene	10.43	77	469878	22.085	ng		98
65) 4,6-Dinitro-2-methylphenol	10.33	198	68344	19.739	ng		88
66) n-Nitrosodiphenylamine	10.39	169	424214	21.843	ng		99
67) 4-Bromophenyl-phenylether	10.76	248	151862	22.015	ng		92
68) Hexachlorobenzene	10.83	284	177680	22.190	ng		100
69) Atrazine	10.92	200	133800	21.827	ng		97
70) Pentachlorophenol	11.03	266	83410	19.994	ng		99
71) Phenanthrene	11.23	178	721988	22.971	ng		99
72) Anthracene	11.29	178	744378	23.316	ng		99
73) Carbazole	11.45	167	703785	23.103	ng		99
74) Di-n-butylphthalate	11.77	149	784351	22.203	ng		100
75) Fluoranthene	12.42	202	812272	22.861	ng		98
77) Benzidine	12.54	184	396392	18.681	ng	#	94
78) Pyrene	12.64	202	837738	21.818	ng		99
80) Butylbenzylphthalate	13.26	149	332703	19.661	ng		98
81) Benzo(a)anthracene	13.83	228	697068	21.978	ng		99
82) 3,3'-Dichlorobenzidine	13.79	252	275596	21.660	ng		99
83) Chrysene	13.86	228	721347	22.391	ng		100
84) Bis(2-ethylhexyl)phthalate	13.83	149	418025	20.151	ng		99
85) Di-n-octyl phthalate	14.43	149	766862	21.778	ng		100
86) Indeno(1,2,3-cd)pyrene	16.59	276	682403	24.682	ng		97
88) Benzo(b)fluoranthene	14.84	252	704183	20.259	ng		99
89) Benzo(k)fluoranthene	14.87	252	649305m	21.272	ng		
90) Benzo(a)pyrene	15.18	252	649222	21.068	ng		99
91) Dibenzo(a,h)anthracene	16.60	278	568485	21.336	ng		99
92) Benzo(g,h,i)perylene	17.00	276	544910	20.283	ng		98

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

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