Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
Data File : BF115377.D
Acq On : 2 Jul 2019 23:07
Operator : HP/JU
Sample : K3629-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-SOIL-PILEMSD

Manual Integrations APPROVED
mohammad
7/3/2019 10:52:00 PM

Quant Time: Jul 03 11:43:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	226578	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	883963	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	422356	20.00	ng		0.01
64) Phenanthrene-d10	11.11	188	810723	20.00	ng		0.02
76) Chrysene-d12	13.74	240	472620	20.00	ng		0.02
87) Perylene-d12	15.11	264	502739	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	990848	67.48	ng		0.02
7) Phenol-d6	6.25	99	1285975	72.16	ng		0.01
23) Nitrobenzene-d5	7.17	82	769190	53.53	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	338310	75.96	ng		0.02
45) 2-Fluorobiphenyl	8.97	172	1470527	59.14	ng		0.00
79) Terphenyl-d14	12.70	244	1474392	66.33	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	126991	18.326	ng		99
3) Pyridine	2.88	79	200933	10.288	ng		98
4) n-Nitrosodimethylamine	2.81	42	147083	19.210	ng		95
6) Aniline	6.26	93	324005	13.229	ng	#	1
8) 2-Chlorophenol	6.39	128	391276	23.700	ng		100
9) Benzaldehyde	6.14	77	229177	19.711	ng		98
10) Phenol	6.26	94	470401	22.534	ng		90
11) bis(2-Chloroethyl)ether	6.35	93	350242	22.761	ng		98
12) 1,3-Dichlorobenzene	6.55	146	419381	22.888	ng		98
13) 1,4-Dichlorobenzene	6.62	146	431639	23.492	ng		99
14) 1,2-Dichlorobenzene	6.78	146	405668	23.841	ng		98
15) Benzyl Alcohol	6.75	79	275030	21.194	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	484638	21.715	ng		96
17) 2-Methylphenol	6.87	107	323798	23.760	ng		99
18) Hexachloroethane	7.12	117	143321	21.637	ng		99
19) n-Nitroso-di-n-propylamine	7.02	70	249616	21.878	ng		98
20) 3+4-Methylphenols	7.02	107	392791	24.962	ng	#	84
22) Acetophenone	7.02	105	534812	26.428	ng	#	94
24) Nitrobenzene	7.19	77	392051	24.765	ng		98
25) Isophorone	7.43	82	688148	23.377	ng		99
26) 2-Nitrophenol	7.51	139	208783	26.705	ng		98
27) 2,4-Dimethylphenol	7.55	122	328355	25.652	ng		99
28) bis(2-Chloroethoxy)methane	7.65	93	449463	24.157	ng		100
29) 2,4-Dichlorophenol	7.75	162	338134	25.597	ng		96
30) 1,2,4-Trichlorobenzene	7.84	180	363613	24.920	ng		98
31) Naphthalene	7.91	128	1118362	25.774	ng		98
32) Benzoic acid	7.62	122	14807m	1.621	ng		
33) 4-Chloroaniline	7.96	127	313486	15.808	ng		100
34) Hexachlorobutadiene	8.04	225	195084	24.397	ng		98
35) Caprolactam	8.31	113	87677m	19.741	ng		
36) 4-Chloro-3-methylphenol	8.45	107	338696	25.317	ng		99
37) 2-Methylnaphthalene	8.60	142	756686	25.864	ng		98
38) 1-Methylnaphthalene	8.70	142	710834	25.439	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	338989	28.403	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.76	237	209231	29.565	ng	98
43) 2,4,6-Trichlorophenol	8.88	196	228703	24.821	ng	100
44) 2,4,5-Trichlorophenol	8.92	196	251900	26.547	ng	96
46) 1,1'-Biphenyl	9.07	154	900969	26.660	ng	99
47) 2-Chloronaphthalene	9.09	162	711251	25.946	ng	100
48) 2-Nitroaniline	9.18	65	207252	25.933	ng	89
49) Acenaphthylene	9.50	152	1126782	26.382	ng	98
50) Dimethylphthalate	9.37	163	1037678	33.394	ng	99
51) 2,6-Dinitrotoluene	9.42	165	189052	26.353	ng	97
52) Acenaphthene	9.67	154	653785	24.463	ng	99
53) 3-Nitroaniline	9.59	138	195844	22.371	ng	100
54) 2,4-Dinitrophenol	9.70	184	27608	14.136	ng	97
55) Dibenzofuran	9.84	168	978542	25.511	ng	99
56) 4-Nitrophenol	9.76	139	290191	41.346	ng	92
57) 2,4-Dinitrotoluene	9.82	165	247794	26.751	ng	93
58) Fluorene	10.18	166	705362	24.639	ng	96
59) 2,3,4,6-Tetrachlorophenol	9.97	232	193726	24.348	ng	97
60) Diethylphthalate	10.07	149	789518	25.276	ng	99
61) 4-Chlorophenyl-phenylether	10.18	204	344920	25.467	ng	98
62) 4-Nitroaniline	10.20	138	211709	24.106	ng	98
63) Azobenzene	10.34	77	705895	24.195	ng	98
65) 4,6-Dinitro-2-methylphenol	10.24	198	49930	15.339	ng	100
66) n-Nitrosodiphenylamine	10.30	169	656086	25.975	ng	99
67) 4-Bromophenyl-phenylether	10.67	248	231125	26.294	ng	99
68) Hexachlorobenzene	10.73	284	248989	26.097	ng	95
69) Atrazine	10.83	200	214966	26.457	ng	99
70) Pentachlorophenol	10.92	266	205518	33.812	ng	95
71) Phenanthrene	11.14	178	1099178	25.181	ng	98
72) Anthracene	11.19	178	1135501	25.770	ng	99
73) Carbazole	11.34	167	1019628	25.914	ng	99
74) Di-n-butylphthalate	11.70	149	1220439	26.843	ng	99
75) Fluoranthene	12.32	202	1064318	24.438	ng	98
77) Benzidine	12.45	184	97475	4.645	ng	98
78) Pyrene	12.55	202	1061618	29.229	ng	98
80) Butylbenzylphthalate	13.18	149	447329	27.908	ng	91
81) Benzo(a)anthracene	13.73	228	829839	24.470	ng	98
82) 3,3'-Dichlorobenzidine	13.70	252	275179	22.471	ng	99
83) Chrysene	13.77	228	804774	25.907	ng	98
84) Bis(2-ethylhexyl)phthalate	13.75	149	622767	29.651	ng	99
85) Di-n-octyl phthalate	14.36	149	942809	26.717	ng	99
86) Indeno(1,2,3-cd)pyrene	16.39	276	646116	17.578	ng	99
88) Benzo(b)fluoranthene	14.74	252	842386	26.854	ng	100
89) Benzo(k)fluoranthene	14.76	252	742718	26.402	ng	98
90) Benzo(a)pyrene	15.05	252	754176	26.674	ng	98
91) Dibenzo(a,h)anthracene	16.40	278	550282	20.848	ng	98
92) Benzo(g,h,i)perylene	16.77	276	505015	18.904	ng	99

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

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