Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101420\
Data File : BF121965.D
Acq On : 14 Oct 2020 19:07
Operator : JU/CG
Sample : L4383-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BB-SOILMSD

Manual Integrations APPROVED
mohammad
10/15/2020 10:47:25 AM

Quant Time: Oct 15 01:22:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 16:22:33 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	126398	20.00	ng		0.00
21) Naphthalene-d8	8.028	136	495611	20.00	ng		0.00
39) Acenaphthene-d10	9.780	164	253300	20.00	ng		0.00
64) Phenanthrene-d10	11.263	188	476685	20.00	ng		-0.01
76) Chrysene-d12	13.910	240	357241	20.00	ng		0.00
86) Perylene-d12	15.339	264	277023	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	686785	80.19	ng		0.00
7) Phenol-d6	6.392	99	882150	80.02	ng		0.00
23) Nitrobenzene-d5	7.310	82	604133	62.51	ng		-0.01
42) 2,4,6-Tribromophenol	10.574	330	244865	78.15	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	1035092	60.13	ng		0.00
79) Terphenyl-d14	12.845	244	1090099	58.15	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.504	88	147145	39.07	ng		99
3) Pyridine	3.228	79	420166	42.43	ng		99
4) n-Nitrosodimethylamine	3.193	42	209975	43.87	ng		100
6) Aniline	6.410	93	278260	20.50	ng	#	14
8) 2-Chlorophenol	6.534	128	378775	43.76	ng		96
9) Benzaldehyde	6.292	77	200394	30.38	ng		98
10) Phenol	6.404	94	479840	42.18	ng		98
11) bis(2-Chloroethyl)ether	6.481	93	375844	42.73	ng		99
12) 1,3-Dichlorobenzene	6.681	146	404190	41.51	ng		99
13) 1,4-Dichlorobenzene	6.757	146	407698	41.71	ng		99
14) 1,2-Dichlorobenzene	6.910	146	381283	42.67	ng		97
15) Benzyl Alcohol	6.898	79	328013	46.00	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	558143	41.24	ng		71
17) 2-Methylphenol	7.016	107	308835	41.73	ng	#	90
18) Hexachloroethane	7.251	117	149634	42.38	ng		96
19) n-Nitroso-di-n-propyla...	7.163	70	266631	42.48	ng		100
20) 3+4-Methylphenols	7.169	107	392670	44.00	ng	#	69
22) Acetophenone	7.157	105	506494	39.72	ng	#	92
24) Nitrobenzene	7.333	77	417341	40.40	ng		97
25) Isophorone	7.575	82	735508	40.25	ng		99
26) 2-Nitrophenol	7.645	139	198907	41.81	ng		93
27) 2,4-Dimethylphenol	7.692	122	329896	40.68	ng		98
28) bis(2-Chloroethoxy)met...	7.781	93	458934	40.14	ng		99
29) 2,4-Dichlorophenol	7.898	162	313121	41.24	ng		96
30) 1,2,4-Trichlorobenzene	7.969	180	323733	40.09	ng		98
31) Naphthalene	8.051	128	1061513	39.98	ng		100
32) Benzoic acid	7.816	122	45256	15.89	ng		93
33) 4-Chloroaniline	8.104	127	162679	14.38	ng		97
34) Hexachlorobutadiene	8.163	225	192217	40.15	ng		100
35) Caprolactam	8.486	113	95173m	39.47	ng		
36) 4-Chloro-3-methylphenol	8.604	107	336939	41.31	ng		97
37) 2-Methylnaphthalene	8.739	142	690948	40.18	ng		99
38) 1-Methylnaphthalene	8.839	142	635688	39.92	ng		100
40) 1,2,4,5-Tetrachloroben...	8.910	216	322035	39.39	ng		100
41) Hexachlorocyclopentadiene	8.892	237	175292	71.17	ng		99
43) 2,4,6-Trichlorophenol	9.027	196	203880	40.42	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	220941	40.56	ng		97
46) 1,1'-Biphenyl	9.204	154	819395	39.78	ng		99
47) 2-Chloronaphthalene	9.227	162	645623	40.31	ng		100
48) 2-Nitroaniline	9.333	65	227200	43.00	ng		99
49) Acenaphthylene	9.645	152	992665	40.35	ng		100
50) Dimethylphthalate	9.510	163	847024	45.73	ng		99
51) 2,6-Dinitrotoluene	9.575	165	171916	42.31	ng		99
52) Acenaphthene	9.816	154	589461	40.28	ng		99
53) 3-Nitroaniline	9.745	138	99560	21.55	ng		97
54) 2,4-Dinitrophenol	9.869	184	70502	39.00	ng		98
55) Dibenzofuran	9.986	168	844972	39.49	ng		98
56) 4-Nitrophenol	9.927	139	181704	72.29	ng	#	80
57) 2,4-Dinitrotoluene	9.986	165	211381	42.26	ng	#	89
58) Fluorene	10.327	166	694283	40.27	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	176992	41.99	ng		96
60) Diethylphthalate	10.204	149	736503	41.24	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	329941	39.91	ng		99
62) 4-Nitroaniline	10.363	138	185311	40.14	ng		94
63) Azobenzene	10.480	77	773006	40.93	ng		99
65) 4,6-Dinitro-2-methylph...	10.398	198	87190	29.21	ng		98
66) n-Nitrosodiphenylamine	10.445	169	655284	39.91	ng		99
67) 4-Bromophenyl-phenylether	10.810	248	221609	40.24	ng		98
68) Hexachlorobenzene	10.880	284	250560	40.20	ng		93
69) Atrazine	10.969	200	178260	44.40	ng		100
70) Pentachlorophenol	11.080	266	132070	56.48	ng		98
71) Phenanthrene	11.292	178	1038545	39.73	ng		100
72) Anthracene	11.345	178	1071919	39.54	ng		100
73) Carbazole	11.504	167	992101	41.16	ng		99
74) Di-n-butylphthalate	11.827	149	1110794	40.06	ng		99
75) Fluoranthene	12.480	202	1120253	39.97	ng		98
77) Benzidine	12.604	184	363893	33.04	ng		99
78) Pyrene	12.710	202	1145608	42.08	ng		99
80) Butylbenzylphthalate	13.321	149	474285	43.93	ng		99
81) Benzo(a)anthracene	13.898	228	959586	40.99	ng		100
82) 3,3'-Dichlorobenzidine	13.857	252	175733	20.24	ng		99
83) Chrysene	13.933	228	931324	40.52	ng		100
84) Bis(2-ethylhexyl)phtha...	13.880	149	621747	42.42	ng		99
85) Di-n-octyl phthalate	14.492	149	993484	41.90	ng		100
87) Indeno(1,2,3-cd)pyrene	16.762	276	828995	46.09	ng		99
88) Benzo(b)fluoranthene	14.933	252	854405	45.63	ng		99
89) Benzo(k)fluoranthene	14.957	252	728864	40.97	ng		99
90) Benzo(a)pyrene	15.280	252	700071	43.29	ng		98
91) Dibenzo(a,h)anthracene	16.768	278	680828	45.97	ng		98
92) Benzo(g,h,i)perylene	17.180	276	709881	47.89	ng		99

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

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