Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
Data File : BF122608.D
Acq On : 9 Dec 2020 12:30
Operator : JU/CG
Sample : L4968-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HSD-SOILMS

Manual Integrations APPROVED
mohammad
12/18/2020 10:22:49 AM

Quant Time: Dec 09 13:54:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	176643	20.00	ng		0.00
21) Naphthalene-d8	8.122	136	688638	20.00	ng		0.00
39) Acenaphthene-d10	9.880	164	364756	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	637185	20.00	ng		0.00
76) Chrysene-d12	14.010	240	453137	20.00	ng		0.00
86) Perylene-d12	15.468	264	447534	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	854974	76.63	ng		0.00
7) Phenol-d6	6.475	99	1067050	72.11	ng		0.00
23) Nitrobenzene-d5	7.404	82	679810	49.46	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	250070	52.38	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	1240986	46.02	ng		0.00
79) Terphenyl-d14	12.951	244	1191166	46.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	211416	40.31	ng		98
3) Pyridine	3.404	79	577757	41.68	ng		99
4) n-Nitrosodimethylamine	3.363	42	239991	43.17	ng		98
6) Aniline	6.498	93	324870	18.65	ng	#	92
8) 2-Chlorophenol	6.628	128	546369	44.43	ng		96
9) Benzaldehyde	6.387	77	254455	28.41	ng		99
10) Phenol	6.487	94	672053	43.83	ng		92
11) bis(2-Chloroethyl)ether	6.575	93	526383	44.93	ng		100
12) 1,3-Dichlorobenzene	6.781	146	597947	41.09	ng		98
13) 1,4-Dichlorobenzene	6.857	146	602702	41.08	ng		98
14) 1,2-Dichlorobenzene	7.010	146	575117	40.61	ng		99
15) Benzyl Alcohol	6.987	79	459639	45.11	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	664816	39.80	ng		99
17) 2-Methylphenol	7.098	107	442641	45.28	ng		98
18) Hexachloroethane	7.351	117	217162	41.53	ng		95
19) n-Nitroso-di-n-propyla...	7.257	70	358929	42.34	ng		98
20) 3+4-Methylphenols	7.251	107	512093	41.47	ng	#	89
22) Acetophenone	7.251	105	682637	39.87	ng		97
24) Nitrobenzene	7.422	77	561526	41.07	ng		99
25) Isophorone	7.663	82	994631	42.02	ng		100
26) 2-Nitrophenol	7.739	139	246277	36.93	ng		97
27) 2,4-Dimethylphenol	7.781	122	467034	47.78	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	638607	39.39	ng		100
29) 2,4-Dichlorophenol	7.986	162	448657	39.31	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	501356	38.77	ng		98
31) Naphthalene	8.145	128	1540678	40.54	ng		100
33) 4-Chloroaniline	8.192	127	182243	11.47	ng		98
34) Hexachlorobutadiene	8.263	225	297836	37.42	ng		98
35) Caprolactam	8.569	113	124874m	36.32	ng		
36) 4-Chloro-3-methylphenol	8.681	107	450849	40.10	ng		97
37) 2-Methylnaphthalene	8.839	142	1028118	40.90	ng		99
38) 1-Methylnaphthalene	8.939	142	948900	39.90	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	479914	39.72	ng		99
41) Hexachlorocyclopentadiene	8.992	237	512837	96.01	ng		97
43) 2,4,6-Trichlorophenol	9.116	196	275440	33.01	ng		98
44) 2,4,5-Trichlorophenol	9.163	196	291155	33.76	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.304	154	1218007	40.24	ng		98
47) 2-Chloronaphthalene	9.328	162	963695	38.42	ng		99
48) 2-Nitroaniline	9.422	65	285577	39.05	ng		90
49) Acenaphthylene	9.745	152	1482945	40.03	ng		100
50) Dimethylphthalate	9.604	163	1199220	41.17	ng		99
51) 2,6-Dinitrotoluene	9.669	165	257920	41.92	ng		97
52) Acenaphthene	9.916	154	885100	36.93	ng		99
53) 3-Nitroaniline	9.833	138	156744	22.05	ng		98
54) 2,4-Dinitrophenol	9.945	184	12659	4.21	ng		93
55) Dibenzofuran	10.086	168	1344467	39.88	ng		100
56) 4-Nitrophenol	9.998	139	274377	54.13	ng		91
57) 2,4-Dinitrotoluene	10.069	165	329663	40.23	ng		98
58) Fluorene	10.427	166	1010798	37.69	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	200608	26.47	ng		100
60) Diethylphthalate	10.304	149	1082243	38.20	ng		99
61) 4-Chlorophenyl-phenyle...	10.422	204	493458	37.37	ng		98
62) 4-Nitroaniline	10.445	138	261048	36.18	ng		96
63) Azobenzene	10.580	77	1027605	39.46	ng		99
65) 4,6-Dinitro-2-methylph...	10.475	198	21816	5.61	ng		90
66) n-Nitrosodiphenylamine	10.539	169	928828	41.25	ng		100
67) 4-Bromophenyl-phenylether	10.910	248	337827	39.13	ng		96
68) Hexachlorobenzene	10.980	284	370888	38.86	ng		96
69) Atrazine	11.069	200	256013	35.01	ng		99
70) Pentachlorophenol	11.174	266	187754	37.13	ng		99
71) Phenanthrene	11.392	178	1497736	39.55	ng		100
72) Anthracene	11.445	178	1547601	41.21	ng		100
73) Carbazole	11.598	167	1358560	39.89	ng		100
74) Di-n-butylphthalate	11.927	149	1604999	37.51	ng		99
75) Fluoranthene	12.580	202	1505527	37.91	ng		99
77) Benzidine	12.698	184	233683	23.84	ng	#	89
78) Pyrene	12.810	202	1486802	42.44	ng		100
80) Butylbenzylphthalate	13.427	149	627181	39.74	ng		95
81) Benzo(a)anthracene	13.998	228	1214805	40.11	ng		98
82) 3,3'-Dichlorobenzidine	13.957	252	161941	14.93	ng		98
83) Chrysene	14.033	228	1208418	40.10	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	808449	37.41	ng		99
85) Di-n-octyl phthalate	14.598	149	1325283	36.97	ng		100
87) Indeno(1,2,3-cd)pyrene	16.927	276	1362816	46.39	ng		99
88) Benzo(b)fluoranthene	15.045	252	1215086	38.70	ng		99
89) Benzo(k)fluoranthene	15.074	252	1165882	40.61	ng		98
90) Benzo(a)pyrene	15.410	252	1071573	39.01	ng		100
91) Dibenzo(a,h)anthracene	16.945	278	1110860	46.20	ng		100
92) Benzo(g,h,i)perylene	17.374	276	1205381	51.80	ng		99

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

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