Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111020\
Data File : BF122295.D
Acq On : 10 Nov 2020 13:20
Operator : JU/CG
Sample : L4214-02
Misc : LOQ-SOIL-10ppm
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

Manual Integrations APPROVED
mohammad
11/11/2020 10:32:02 AM

Quant Time: Nov 10 14:29:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 13:10:47 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	276081	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	1073869	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	563072	20.00	ng		0.00
64) Phenanthrene-d10	11.386	188	1013244	20.00	ng		0.00
76) Chrysene-d12	14.027	240	938711	20.00	ng		0.00
86) Perylene-d12	15.492	264	916292	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1617608	89.97	ng		0.00
7) Phenol-d6	6.487	99	2066358	87.85	ng		0.00
23) Nitrobenzene-d5	7.428	82	1459453	83.20	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	551538	91.26	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	2555737	70.92	ng		0.00
79) Terphenyl-d14	12.980	244	2819294	63.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	67751	8.22	ng		92
3) Pyridine	3.404	79	182496	8.05	ng		95
4) n-Nitrosodimethylamine	3.322	42	86247	8.07	ng		97
6) Aniline	6.522	93	253796	8.22	ng		98
8) 2-Chlorophenol	6.645	128	160218	8.59	ng		96
9) Benzaldehyde	6.410	77	138849	10.47	ng		98
10) Phenol	6.498	94	191779	8.28	ng	#	75
11) bis(2-Chloroethyl)ether	6.598	93	155110	8.42	ng		95
12) 1,3-Dichlorobenzene	6.804	146	179708	8.49	ng		100
13) 1,4-Dichlorobenzene	6.881	146	183090	8.61	ng		99
14) 1,2-Dichlorobenzene	7.034	146	172014	8.67	ng		99
15) Benzyl Alcohol	6.998	79	127422	7.62	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	222742	8.30	ng		99
17) 2-Methylphenol	7.104	107	128508	8.26	ng		98
18) Hexachloroethane	7.381	117	62890	8.49	ng		99
19) n-Nitroso-di-n-propyla...	7.269	70	114754	8.16	ng		99
20) 3+4-Methylphenols	7.257	107	165700	8.65	ng	#	66
22) Acetophenone	7.269	105	233146	8.34	ng	#	87
24) Nitrobenzene	7.445	77	174140	8.68	ng		94
25) Isophorone	7.681	82	300003	7.67	ng		98
26) 2-Nitrophenol	7.763	139	54537	8.05	ng		96
27) 2,4-Dimethylphenol	7.792	122	152876	8.29	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	187385	7.83	ng		98
29) 2,4-Dichlorophenol	7.998	162	124164	7.60	ng		96
30) 1,2,4-Trichlorobenzene	8.092	180	142650	7.91	ng		97
31) Naphthalene	8.169	128	471529	8.26	ng		99
32) Benzoic acid	7.845	122	43065m	5.17	ng		
33) 4-Chloroaniline	8.210	127	195341	7.86	ng		99
34) Hexachlorobutadiene	8.292	225	82307	7.95	ng		99
35) Caprolactam	8.545	113	38889	7.51	ng	#	83
36) 4-Chloro-3-methylphenol	8.686	107	127756	7.50	ng		93
37) 2-Methylnaphthalene	8.863	142	308285	8.17	ng		99
38) 1-Methylnaphthalene	8.963	142	285735	8.09	ng		100
40) 1,2,4,5-Tetrachloroben...	9.027	216	141243	8.14	ng		99
41) Hexachlorocyclopentadiene	9.022	237	75357	7.43	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	86903	7.71	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	88607	7.50	ng		97
46) 1,1'-Biphenyl	9.327	154	374037	8.35	ng		98
47) 2-Chloronaphthalene	9.351	162	290816	8.18	ng		96
48) 2-Nitroaniline	9.439	65	71280	8.16	ng		92
49) Acenaphthylene	9.763	152	444532	8.13	ng		100
50) Dimethylphthalate	9.622	163	320510	8.01	ng		98
51) 2,6-Dinitrotoluene	9.680	165	64028	8.27	ng	#	88
52) Acenaphthene	9.939	154	274831	8.12	ng		100
53) 3-Nitroaniline	9.845	138	72157	8.07	ng		94
54) 2,4-Dinitrophenol	9.945	184	11192	4.73	ng	#	1
55) Dibenzofuran	10.110	168	407994	8.23	ng		97
56) 4-Nitrophenol	9.986	139	54315	7.11	ng		87
57) 2,4-Dinitrotoluene	10.080	165	73459	7.85	ng	#	89
58) Fluorene	10.451	166	324563	8.55	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.222	232	76927	7.83	ng		98
60) Diethylphthalate	10.322	149	316160	8.05	ng		97
61) 4-Chlorophenyl-phenyle...	10.445	204	149540	8.34	ng		98
62) 4-Nitroaniline	10.451	138	70827	8.05	ng		94
63) Azobenzene	10.604	77	329682	8.00	ng		99
65) 4,6-Dinitro-2-methylph...	10.486	198	21074	5.47	ng		94
66) n-Nitrosodiphenylamine	10.557	169	279530	8.10	ng		95
67) 4-Bromophenyl-phenylether	10.933	248	94052	7.90	ng		97
68) Hexachlorobenzene	10.998	284	102445	7.96	ng		98
69) Atrazine	11.080	200	76005	8.84	ng		98
70) Pentachlorophenol	11.186	266	49577	6.69	ng		98
71) Phenanthrene	11.410	178	482260	8.39	ng		99
72) Anthracene	11.463	178	485566	8.20	ng		99
73) Carbazole	11.610	167	442261	8.21	ng		99
74) Di-n-butylphthalate	11.951	149	456193	7.94	ng		100
75) Fluoranthene	12.598	202	503745	8.39	ng		97
77) Benzidine	12.716	184	241732	9.28	ng	#	96
78) Pyrene	12.827	202	515646	7.82	ng		99
80) Butylbenzylphthalate	13.451	149	172634	7.28	ng		95
81) Benzo(a)anthracene	14.015	228	481580	8.25	ng		99
82) 3,3'-Dichlorobenzidine	13.974	252	169195	7.78	ng		99
83) Chrysene	14.051	228	476284	8.10	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	248737	7.82	ng		98
85) Di-n-octyl phthalate	14.627	149	384979	7.14	ng		99
87) Indeno(1,2,3-cd)pyrene	16.945	276	424475	7.72	ng		99
88) Benzo(b)fluoranthene	15.062	252	445010	7.50	ng		98
89) Benzo(k)fluoranthene	15.092	252	456303	7.89	ng		98
90) Benzo(a)pyrene	15.427	252	394793	7.63	ng		99
91) Dibenzo(a,h)anthracene	16.962	278	359096	7.80	ng		99
92) Benzo(g,h,i)perylene	17.380	276	344007	7.68	ng		98

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

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