Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111020\
Data File : BF122293.D
Acq On : 10 Nov 2020 12:17
Operator : JU/CG
Sample : L4214-01
Misc : LOD-MDL-SOIL 8ppm
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

Manual Integrations APPROVED
mohammad
11/11/2020 10:31:57 AM

Quant Time: Nov 10 13:15:46 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	6.869	152	292788	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	1050560	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	546213	20.00	ng		0.00
64) Phenanthrene-d10	11.386	188	983872	20.00	ng		0.00
76) Chrysene-d12	14.027	240	915757	20.00	ng		0.00
86) Perylene-d12	15.492	264	856507	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	2580231	135.32	ng		0.00
7) Phenol-d6	6.492	99	3290384	131.91	ng		0.00
23) Nitrobenzene-d5	7.434	82	2138812	124.64	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	899974	153.52	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	3482715	99.62	ng		0.00
79) Terphenyl-d14	12.980	244	4118253	95.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	71780	8.21	ng		94
3) Pyridine	3.428	79	196091	8.15	ng		90
4) n-Nitrosodimethylamine	3.322	42	91899	8.11	ng		99
6) Aniline	6.534	93	275643	8.42	ng		97
8) 2-Chlorophenol	6.651	128	170627	8.63	ng		93
9) Benzaldehyde	6.416	77	148204	10.54	ng		99
10) Phenol	6.504	94	206611m	8.41	ng		
11) bis(2-Chloroethyl)ether	6.604	93	167618	8.58	ng		94
12) 1,3-Dichlorobenzene	6.810	146	195872	8.73	ng		96
13) 1,4-Dichlorobenzene	6.887	146	199479	8.85	ng		97
14) 1,2-Dichlorobenzene	7.039	146	184822	8.78	ng		99
15) Benzyl Alcohol	6.998	79	141769	7.99	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	243901	8.57	ng		98
17) 2-Methylphenol	7.104	107	140276	8.50	ng		98
18) Hexachloroethane	7.381	117	68463	8.72	ng		98
19) n-Nitroso-di-n-propyla...	7.275	70	129196	8.67	ng		96
20) 3+4-Methylphenols	7.257	107	181788	8.95	ng	#	65
22) Acetophenone	7.269	105	252121	9.21	ng	#	88
24) Nitrobenzene	7.445	77	191706	9.76	ng		99
25) Isophorone	7.681	82	335970	8.78	ng		99
26) 2-Nitrophenol	7.763	139	58156	8.78	ng		97
27) 2,4-Dimethylphenol	7.792	122	168376	9.33	ng		97
28) bis(2-Chloroethoxy)met...	7.892	93	211015	9.02	ng		99
29) 2,4-Dichlorophenol	7.998	162	138539	8.67	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	157785	8.95	ng		97
31) Naphthalene	8.169	128	516142	9.24	ng		100
32) Benzoic acid	7.851	122	43499	5.34	ng		98
33) 4-Chloroaniline	8.216	127	213690	8.78	ng		96
34) Hexachlorobutadiene	8.292	225	92364	9.11	ng		97
35) Caprolactam	8.545	113	43173	8.53	ng		96
36) 4-Chloro-3-methylphenol	8.686	107	144182	8.65	ng		90
37) 2-Methylnaphthalene	8.863	142	340492	9.23	ng		99
38) 1-Methylnaphthalene	8.963	142	315552	9.14	ng		97
40) 1,2,4,5-Tetrachloroben...	9.028	216	153957	9.15	ng		99
41) Hexachlorocyclopentadiene	9.022	237	84491	8.59	ng		98
43) 2,4,6-Trichlorophenol	9.133	196	96352	8.81	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	99849	8.71	ng		98
46) 1,1'-Biphenyl	9.328	154	415207	9.55	ng		97
47) 2-Chloronaphthalene	9.351	162	320801	9.30	ng		97
48) 2-Nitroaniline	9.439	65	80134	9.46	ng		93
49) Acenaphthylene	9.763	152	488996	9.22	ng		100
50) Dimethylphthalate	9.622	163	358582	9.24	ng		99
51) 2,6-Dinitrotoluene	9.680	165	69848	9.30	ng		91
52) Acenaphthene	9.939	154	302329	9.21	ng		98
53) 3-Nitroaniline	9.845	138	77464	8.94	ng		98
54) 2,4-Dinitrophenol	9.945	184	12940	5.64	ng	#	1
55) Dibenzofuran	10.110	168	445603	9.26	ng		98
56) 4-Nitrophenol	9.986	139	59330	8.01	ng		86
57) 2,4-Dinitrotoluene	10.080	165	82891	9.13	ng	#	87
58) Fluorene	10.451	166	356386	9.68	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	84996	8.92	ng		97
60) Diethylphthalate	10.322	149	351105	9.22	ng		98
61) 4-Chlorophenyl-phenyle...	10.445	204	165871	9.54	ng		96
62) 4-Nitroaniline	10.451	138	77069	9.03	ng		97
63) Azobenzene	10.604	77	370197	9.26	ng		98
65) 4,6-Dinitro-2-methylph...	10.486	198	22378	5.99	ng		96
66) n-Nitrosodiphenylamine	10.563	169	309565	9.23	ng		95
67) 4-Bromophenyl-phenylether	10.933	248	105426	9.12	ng		97
68) Hexachlorobenzene	10.998	284	113570	9.09	ng		97
69) Atrazine	11.080	200	85684	10.26	ng		98
70) Pentachlorophenol	11.186	266	56508	7.85	ng		98
71) Phenanthrene	11.410	178	535137	9.59	ng		99
72) Anthracene	11.463	178	545456	9.48	ng		99
73) Carbazole	11.610	167	488030	9.32	ng		99
74) Di-n-butylphthalate	11.951	149	519279	9.31	ng		99
75) Fluoranthene	12.598	202	542739	9.31	ng		97
77) Benzidine	12.716	184	274643	10.81	ng		96
78) Pyrene	12.827	202	573136	8.91	ng		98
80) Butylbenzylphthalate	13.451	149	187732	8.12	ng		96
81) Benzo(a)anthracene	14.015	228	531121	9.33	ng		98
82) 3,3'-Dichlorobenzidine	13.974	252	184530	8.69	ng		97
83) Chrysene	14.051	228	515085	8.98	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	274274	8.84	ng		98
85) Di-n-octyl phthalate	14.627	149	423041	8.05	ng		99
87) Indeno(1,2,3-cd)pyrene	16.945	276	438104	8.52	ng		99
88) Benzo(b)fluoranthene	15.062	252	482251	8.69	ng		97
89) Benzo(k)fluoranthene	15.092	252	483158	8.93	ng		99
90) Benzo(a)pyrene	15.427	252	417622	8.64	ng		99
91) Dibenzo(a,h)anthracene	16.962	278	373902	8.69	ng		98
92) Benzo(g,h,i)perylene	17.380	276	353053	8.43	ng		97

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

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