Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111020\
Data File : BF122292.D
Acq On : 10 Nov 2020 11:46
Operator : JU/CG
Sample : L4214-01
Misc : LOD-MDL-SOIL 4ppm
ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
11/11/2020 10:31:54 AM

Quant Time: Nov 10 13:16:50 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	309125	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	1113671	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	583939	20.00	ng		0.00
64) Phenanthrene-d10	11.386	188	1048328	20.00	ng		0.00
76) Chrysene-d12	14.027	240	950336	20.00	ng		0.00
86) Perylene-d12	15.492	264	930195	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	2600946	129.20	ng		0.00
7) Phenol-d6	6.492	99	3346043	127.05	ng		0.00
23) Nitrobenzene-d5	7.434	82	2118439	116.45	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	893993	142.64	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	3443368	92.13	ng		0.00
79) Terphenyl-d14	12.980	244	4054766	90.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	38814	4.20	ng		89
3) Pyridine	3.469	79	96108	3.78	ng		92
4) n-Nitrosodimethylamine	3.328	42	44966	3.76	ng	#	92
6) Aniline	6.534	93	137615	3.98	ng		93
8) 2-Chlorophenol	6.651	128	85718	4.11	ng		91
9) Benzaldehyde	6.416	77	74323	5.00	ng		99
10) Phenol	6.504	94	100657m	3.88	ng		
11) bis(2-Chloroethyl)ether	6.598	93	86073	4.18	ng		97
12) 1,3-Dichlorobenzene	6.810	146	97271	4.10	ng		96
13) 1,4-Dichlorobenzene	6.881	146	99169	4.17	ng		97
14) 1,2-Dichlorobenzene	7.039	146	93437	4.20	ng		100
15) Benzyl Alcohol	6.998	79	61700	3.30	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	121622	4.05	ng		98
17) 2-Methylphenol	7.104	107	69614	4.00	ng		99
18) Hexachloroethane	7.381	117	32405	3.91	ng		96
19) n-Nitroso-di-n-propyla...	7.275	70	63412	4.03	ng		93
20) 3+4-Methylphenols	7.257	107	88573	4.13	ng	#	67
22) Acetophenone	7.269	105	125297	4.32	ng	#	86
24) Nitrobenzene	7.445	77	98884	4.75	ng		99
25) Isophorone	7.681	82	163131	4.02	ng		98
26) 2-Nitrophenol	7.763	139	23975	3.41	ng		98
27) 2,4-Dimethylphenol	7.792	122	80465	4.21	ng		98
28) bis(2-Chloroethoxy)met...	7.892	93	103265	4.16	ng		99
29) 2,4-Dichlorophenol	7.998	162	66431	3.92	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	77731	4.16	ng		95
31) Naphthalene	8.169	128	256433	4.33	ng		99
32) Benzoic acid	7.834	122	18693	2.17	ng		94
33) 4-Chloroaniline	8.210	127	103772	4.02	ng		99
34) Hexachlorobutadiene	8.292	225	44715	4.16	ng		96
35) Caprolactam	8.539	113	20017	3.73	ng		93
36) 4-Chloro-3-methylphenol	8.681	107	68132	3.86	ng		97
37) 2-Methylnaphthalene	8.863	142	167178	4.27	ng		99
38) 1-Methylnaphthalene	8.963	142	156200	4.27	ng		98
40) 1,2,4,5-Tetrachloroben...	9.028	216	76195	4.23	ng		98
41) Hexachlorocyclopentadiene	9.022	237	38646	3.67	ng		98
43) 2,4,6-Trichlorophenol	9.133	196	44562	3.81	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	46560	3.80	ng		99
46) 1,1'-Biphenyl	9.328	154	209251	4.50	ng		96
47) 2-Chloronaphthalene	9.351	162	161595	4.38	ng		96
48) 2-Nitroaniline	9.433	65	32361	3.57	ng		93
49) Acenaphthylene	9.763	152	242594	4.28	ng		98
50) Dimethylphthalate	9.616	163	175083	4.22	ng		99
51) 2,6-Dinitrotoluene	9.675	165	29958	3.73	ng		93
52) Acenaphthene	9.933	154	147150	4.19	ng		97
53) 3-Nitroaniline	9.839	138	35033	3.78	ng	#	92
54) 2,4-Dinitrophenol	9.945	184	4348	1.77	ng	#	1
55) Dibenzofuran	10.104	168	222082	4.32	ng		99
56) 4-Nitrophenol	9.986	139	24767	3.13	ng		86
57) 2,4-Dinitrotoluene	10.075	165	32991	3.40	ng		93
58) Fluorene	10.451	166	176645	4.49	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	38734	3.80	ng		98
60) Diethylphthalate	10.322	149	168819	4.15	ng		97
61) 4-Chlorophenyl-phenyle...	10.445	204	81854	4.40	ng		95
62) 4-Nitroaniline	10.445	138	34941	3.83	ng		88
63) Azobenzene	10.604	77	179349	4.20	ng		98
65) 4,6-Dinitro-2-methylph...	10.480	198	8216	2.06	ng		90
66) n-Nitrosodiphenylamine	10.563	169	149951	4.20	ng		96
67) 4-Bromophenyl-phenylether	10.933	248	49800	4.04	ng		96
68) Hexachlorobenzene	10.998	284	56487	4.24	ng		98
69) Atrazine	11.080	200	40661	4.57	ng		98
70) Pentachlorophenol	11.186	266	24464	3.19	ng		95
71) Phenanthrene	11.410	178	266258	4.48	ng		100
72) Anthracene	11.463	178	267232	4.36	ng		98
73) Carbazole	11.610	167	236593	4.24	ng		99
74) Di-n-butylphthalate	11.951	149	233946	3.94	ng		99
75) Fluoranthene	12.598	202	261425	4.21	ng		96
77) Benzidine	12.716	184	117248	4.45	ng		97
78) Pyrene	12.827	202	275181	4.12	ng		98
80) Butylbenzylphthalate	13.451	149	75739	3.16	ng		95
81) Benzo(a)anthracene	14.015	228	253278	4.29	ng		98
82) 3,3'-Dichlorobenzidine	13.974	252	79184	3.60	ng		99
83) Chrysene	14.051	228	255224	4.29	ng		100
84) Bis(2-ethylhexyl)phtha...	14.015	149	119564	3.71	ng		98
85) Di-n-octyl phthalate	14.627	149	164928	3.02	ng		100
87) Indeno(1,2,3-cd)pyrene	16.945	276	212781	3.81	ng		98
88) Benzo(b)fluoranthene	15.057	252	233418	3.87	ng		99
89) Benzo(k)fluoranthene	15.086	252	231140	3.93	ng		99
90) Benzo(a)pyrene	15.427	252	197069	3.75	ng		99
91) Dibenzo(a,h)anthracene	16.962	278	179372	3.84	ng		99
92) Benzo(g,h,i)perylene	17.380	276	174534	3.84	ng		96

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

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