Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042821\
Data File : BF123754.D
Acq On : 28 Apr 2021 10:25
Operator : JU/CG
Sample : M1458-01
Misc : LOD-MDL-SOIL-4PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations APPROVED
mohammad
4/29/2021 5:44:31 PM

Quant Time: Apr 28 11:20:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 28 11:20:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	207297	20.00	ng		0.00
21) Naphthalene-d8	8.092	136	751410	20.00	ng		0.00
39) Acenaphthene-d10	9.845	164	375438	20.00	ng		0.00
64) Phenanthrene-d10	11.333	188	733714	20.00	ng		0.00
76) Chrysene-d12	13.974	240	619849	20.00	ng		-0.01
86) Perylene-d12	15.433	264	507732	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1610051	123.05	ng		0.00
7) Phenol-d6	6.445	99	2191030	121.56	ng		0.00
23) Nitrobenzene-d5	7.369	82	1238359	74.40	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	607423	129.96	ng		0.00
45) 2-Fluorobiphenyl	9.169	172	1882666	73.03	ng		0.00
79) Terphenyl-d14	12.927	244	2245041	69.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.516	88	30728	4.36	ng		97
3) Pyridine	3.316	79	62656m	3.64	ng		
4) n-Nitrosodimethylamine	3.187	42	40934	4.31	ng	#	88
6) Aniline	6.469	93	114261	5.48	ng		98
8) 2-Chlorophenol	6.593	128	69847	4.96	ng		97
9) Benzaldehyde	6.357	77	67354	7.72	ng		98
10) Phenol	6.457	94	94246	4.87	ng		97
11) bis(2-Chloroethyl)ether	6.540	93	71209	5.04	ng		99
12) 1,3-Dichlorobenzene	6.745	146	70700	4.97	ng		97
13) 1,4-Dichlorobenzene	6.828	146	71999	5.00	ng		94
14) 1,2-Dichlorobenzene	6.981	146	66274	4.74	ng		96
15) Benzyl Alcohol	6.945	79	78876	5.58	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.087	45	152884	5.08	ng		99
17) 2-Methylphenol	7.057	107	58561	4.88	ng		98
18) Hexachloroethane	7.322	117	27401	4.81	ng		94
19) n-Nitroso-di-n-propyla...	7.216	70	55149	4.96	ng		97
20) 3+4-Methylphenols	7.216	107	73887	4.84	ng	#	80
22) Acetophenone	7.210	105	108561	5.32	ng	#	96
24) Nitrobenzene	7.387	77	87039	5.02	ng		96
25) Isophorone	7.622	82	142400	4.56	ng		96
26) 2-Nitrophenol	7.704	139	32444	4.59	ng		95
27) 2,4-Dimethylphenol	7.745	122	59699	5.37	ng		95
28) bis(2-Chloroethoxy)met...	7.840	93	86925	5.47	ng		98
29) 2,4-Dichlorophenol	7.951	162	51536	4.70	ng		89
30) 1,2,4-Trichlorobenzene	8.034	180	56952	4.96	ng		95
31) Naphthalene	8.110	128	202980	5.25	ng		98
32) Benzoic acid	7.822	122	9226	1.32	ng	#	79
33) 4-Chloroaniline	8.163	127	81821	5.07	ng		94
34) Hexachlorobutadiene	8.234	225	33862	4.84	ng		97
35) Caprolactam	8.487	113	16076	4.18	ng	#	89
36) 4-Chloro-3-methylphenol	8.639	107	63309	4.63	ng		100
37) 2-Methylnaphthalene	8.804	142	130774	5.19	ng		98
38) 1-Methylnaphthalene	8.904	142	119687	5.05	ng		99
40) 1,2,4,5-Tetrachloroben...	8.969	216	57755	5.23	ng		98
41) Hexachlorocyclopentadiene	8.963	237	12612	2.88	ng		88
43) 2,4,6-Trichlorophenol	9.081	196	33886	4.45	ng		96

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44) 2,4,5-Trichlorophenol	9.122	196	35793	4.38	ng		94
46) 1,1'-Biphenyl	9.269	154	165498	5.38	ng		99
47) 2-Chloronaphthalene	9.292	162	117388	5.06	ng		99
48) 2-Nitroaniline	9.386	65	46626	4.56	ng		95
49) Acenaphthylene	9.704	152	189395	5.06	ng		97
50) Dimethylphthalate	9.563	163	132938	5.03	ng		98
51) 2,6-Dinitrotoluene	9.622	165	27875	4.56	ng		96
52) Acenaphthene	9.881	154	114977	5.04	ng		98
53) 3-Nitroaniline	9.792	138	32478	4.45	ng		99
54) 2,4-Dinitrophenol	9.904	184	4852	1.49	ng	#	86
55) Dibenzofuran	10.051	168	176880	5.13	ng		95
56) 4-Nitrophenol	9.963	139	19340	3.64	ng		89
57) 2,4-Dinitrotoluene	10.028	165	37126	4.45	ng		90
58) Fluorene	10.392	166	139073	5.25	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	29265	4.53	ng		94
60) Diethylphthalate	10.263	149	144359	5.13	ng		100
61) 4-Chlorophenyl-phenyle...	10.386	204	64294	5.20	ng		97
62) 4-Nitroaniline	10.398	138	34662	4.79	ng		95
63) Azobenzene	10.545	77	159204	4.92	ng		95
65) 4,6-Dinitro-2-methylph...	10.439	198	12706	2.79	ng	#	87
66) n-Nitrosodiphenylamine	10.504	169	117138	4.88	ng		98
67) 4-Bromophenyl-phenylether	10.875	248	38366	4.97	ng		90
68) Hexachlorobenzene	10.945	284	44376	5.05	ng	#	91
69) Atrazine	11.028	200	36384	5.01	ng		93
70) Pentachlorophenol	11.139	266	12285	2.74	ng		97
71) Phenanthrene	11.357	178	200968	5.22	ng		97
72) Anthracene	11.404	178	199410	5.21	ng		98
73) Carbazole	11.563	167	187674	4.85	ng		98
74) Di-n-butylphthalate	11.898	149	219121	5.05	ng	#	97
75) Fluoranthene	12.545	202	206913	4.93	ng		97
77) Benzidine	12.669	184	115927	7.22	ng		99
78) Pyrene	12.774	202	223196	4.64	ng		97
80) Butylbenzylphthalate	13.398	149	85925	4.18	ng		97
81) Benzo(a)anthracene	13.963	228	182329	4.85	ng		97
82) 3,3'-Dichlorobenzidine	13.927	252	63798	5.53	ng		98
83) Chrysene	13.998	228	182337	4.83	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	116572	4.57	ng	#	98
85) Di-n-octyl phthalate	14.574	149	179298	4.39	ng		99
87) Indeno(1,2,3-cd)pyrene	16.868	276	126064	4.26	ng		97
88) Benzo(b)fluoranthene	15.004	252	158804	4.64	ng	#	97
89) Benzo(k)fluoranthene	15.033	252	145737	4.46	ng		98
90) Benzo(a)pyrene	15.368	252	139912	4.78	ng		95
91) Dibenzo(a,h)anthracene	16.886	278	106160	4.25	ng	#	96
92) Benzo(g,h,i)perylene	17.298	276	101571	4.06	ng		98

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

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