Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080521\
Data File : BF124947.D
Acq On : 5 Aug 2021 16:54
Operator : JU/CG
Sample : M2262-02
Misc : LOQ-SOIL-10ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations APPROVED
mohammad
8/6/2021 2:46:47 PM

Quant Time: Aug 05 17:30:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 04 17:59:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	6834	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	25627	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	14808	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	26797	20.000	ng		0.00
76) Chrysene-d12	13.998	240	20191	20.000	ng		0.00
86) Perylene-d12	15.462	264	17286	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	41045	98.385	ng		0.00
7) Phenol-d6	6.469	99	52782	100.337	ng		0.00
23) Nitrobenzene-d5	7.398	82	26984	55.083	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	12961	97.971	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	54968	54.316	ng		0.00
79) Terphenyl-d14	12.945	244	60642	50.662	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.604	88	1264	8.099	ng	#	100
3) Pyridine	3.398	79	2780	7.665	ng	#	86
4) n-Nitrosodimethylamine	3.293	42	2697	10.472	ng		97
6) Aniline	6.498	93	6734	12.119	ng	#	96
8) 2-Chlorophenol	6.622	128	4886	10.677	ng		98
9) Benzaldehyde	6.387	77	3029	10.584	ng		96
10) Phenol	6.475	94	6214	11.448	ng		89
11) bis(2-Chloroethyl)ether	6.575	93	4724	11.602	ng		94
12) 1,3-Dichlorobenzene	6.775	146	5443	10.928	ng		96
13) 1,4-Dichlorobenzene	6.851	146	5524m	11.094	ng		
14) 1,2-Dichlorobenzene	7.004	146	5242m	11.234	ng		
15) Benzyl Alcohol	6.975	79	4055	10.686	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	7062	10.825	ng		94
17) 2-Methylphenol	7.081	107	3717	10.851	ng	#	92
18) Hexachloroethane	7.345	117	2167	11.116	ng		88
19) n-Nitroso-di-n-propyla...	7.239	70	3265	10.460	ng		90
20) 3+4-Methylphenols	7.234	107	5168	11.365	ng		82
22) Acetophenone	7.245	105	5668	9.031	ng		97
24) Nitrobenzene	7.416	77	5048	10.649	ng		91
25) Isophorone	7.651	82	8781	10.502	ng		94
26) 2-Nitrophenol	7.733	139	2440	10.137	ng		92
27) 2,4-Dimethylphenol	7.769	122	4218	12.361	ng	#	83
28) bis(2-Chloroethoxy)met...	7.863	93	5574	11.713	ng		97
29) 2,4-Dichlorophenol	7.975	162	3768	9.911	ng		96
30) 1,2,4-Trichlorobenzene	8.057	180	4891	11.480	ng		89
31) Naphthalene	8.139	128	14045	10.667	ng		98
32) Benzoic acid	7.863	122	461	9.367	ng	#	85
33) 4-Chloroaniline	8.186	127	6194	12.624	ng		98
34) Hexachlorobutadiene	8.257	225	2828	11.115	ng		95
35) Caprolactam	8.528	113	766	7.588	ng	#	85
36) 4-Chloro-3-methylphenol	8.663	107	4185	10.524	ng		94
37) 2-Methylnaphthalene	8.833	142	9819	11.092	ng		99
38) 1-Methylnaphthalene	8.928	142	9196	11.102	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	3702	8.710	ng		98
41) Hexachlorocyclopentadiene	8.986	237	1468	13.854	ng		89
43) 2,4,6-Trichlorophenol	9.110	196	2644	9.344	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.145	196	2928	10.223	ng		93
46)	1,1'-Biphenyl	9.292	154	9523	8.630	ng		96
47)	2-Chloronaphthalene	9.322	162	9256	10.543	ng		97
48)	2-Nitroaniline	9.416	65	2713	10.520	ng		95
49)	Acenaphthylene	9.733	152	14212	10.657	ng		96
50)	Dimethylphthalate	9.592	163	10650	10.613	ng		97
51)	2,6-Dinitrotoluene	9.657	165	2259	10.110	ng		91
52)	Acenaphthene	9.904	154	8856	10.954	ng		97
53)	3-Nitroaniline	9.822	138	2410	10.240	ng	#	72
54)	2,4-Dinitrophenol	9.933	184	813	12.114	ng	#	82
55)	Dibenzofuran	10.075	168	13301	10.527	ng		96
56)	4-Nitrophenol	9.980	139	2244	14.464	ng		94
57)	2,4-Dinitrotoluene	10.057	165	3149	10.380	ng		97
58)	Fluorene	10.422	166	10711	11.056	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.192	232	1980	9.214	ng	#	89
60)	Diethylphthalate	10.292	149	10993	10.675	ng		98
61)	4-Chlorophenyl-phenyle...	10.410	204	5099	11.145	ng		99
62)	4-Nitroaniline	10.433	138	2591	11.339	ng		86
63)	Azobenzene	10.574	77	10225	10.154	ng		94
65)	4,6-Dinitro-2-methylph...	10.469	198	1353	8.059	ng		78
66)	n-Nitrosodiphenylamine	10.527	169	8732	10.054	ng		94
67)	4-Bromophenyl-phenylether	10.904	248	3046	10.378	ng		90
68)	Hexachlorobenzene	10.969	284	3428	10.736	ng	#	83
69)	Atrazine	11.051	200	2474	9.480	ng		96
70)	Pentachlorophenol	11.163	266	812	8.730	ng	#	86
71)	Phenanthrene	11.386	178	15345	10.556	ng		98
72)	Anthracene	11.433	178	15549	10.663	ng		99
73)	Carbazole	11.592	167	13174	9.851	ng		97
74)	Di-n-butylphthalate	11.916	149	18023	10.604	ng	#	98
75)	Fluoranthene	12.574	202	15379	10.227	ng		98
77)	Benzidine	12.692	184	6772	12.535	ng		96
78)	Pyrene	12.798	202	16397	10.310	ng		96
80)	Butylbenzylphthalate	13.415	149	7333	10.361	ng		97
81)	Benzo(a)anthracene	13.986	228	13628	10.357	ng		95
82)	3,3'-Dichlorobenzidine	13.951	252	4322	12.459	ng		87
83)	Chrysene	14.027	228	13021	10.237	ng		98
84)	Bis(2-ethylhexyl)phtha...	13.974	149	10442	10.635	ng	#	99
85)	Di-n-octyl phthalate	14.586	149	16235	10.481	ng	#	97
87)	Indeno(1,2,3-cd)pyrene	16.915	276	9870	9.588	ng		94
88)	Benzo(b)fluoranthene	15.033	252	12051	9.929	ng		94
89)	Benzo(k)fluoranthene	15.062	252	11839	10.723	ng		97
90)	Benzo(a)pyrene	15.398	252	11465	11.093	ng		94
91)	Dibenzo(a,h)anthracene	16.933	278	8822	9.747	ng	#	93
92)	Benzo(g,h,i)perylene	17.356	276	8460	9.745	ng		91

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

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