Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021822\
Data File : BF126956.D
Acq On : 18 Feb 2022 17:08
Operator : CG\JU
Sample : M4068-03
Misc : MDL-MDL-SOIL 4ppm
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 18 23:52:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 14:55:48 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2021

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	103673	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	407027	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	211436	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	388359	20.000	ng	0.00
76) Chrysene-d12	14.104	240	265955	20.000	ng	# 0.00
86) Perylene-d12	15.610	264	206530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	936706	139.646	ng	0.00
7) Phenol-d6	6.557	99	1282702	141.718	ng	0.00
23) Nitrobenzene-d5	7.498	82	722482	80.120	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	379872	156.043	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1179555	82.128	ng	0.00
79) Terphenyl-d14	13.051	244	1405101	77.666	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.752	88	11306	3.683	ng	# 97
3) Pyridine	3.599	79	25253	3.137	ng	# 85
4) n-Nitrosodimethylamine	3.475	42	13773	3.492	ng	# 71
6) Aniline	6.598	93	43533	4.059	ng	98
8) 2-Chlorophenol	6.716	128	26895	3.737	ng	96
9) Benzaldehyde	6.487	77	26692	4.845	ng	95
10) Phenol	6.569	94	35167	3.845	ng	87
11) bis(2-Chloroethyl)ether	6.663	93	27887	3.888	ng	95
12) 1,3-Dichlorobenzene	6.869	146	29481	3.797	ng	97
13) 1,4-Dichlorobenzene	6.945	146	29960	3.806	ng	97
14) 1,2-Dichlorobenzene	7.098	146	27925	3.720	ng	97
15) Benzyl Alcohol	7.063	79	37083m	4.863	ng	
16) 2,2'-oxybis(1-Chloropr...	7.198	45	39917	3.534	ng	96
17) 2-Methylphenol	7.169	107	23718	3.809	ng	93
18) Hexachloroethane	7.440	117	11635	3.857	ng	96
19) n-Nitroso-di-n-propyla...	7.328	70	21654	3.713	ng	92
20) 3+4-Methylphenols	7.322	107	30458	3.767	ng	# 75
22) Acetophenone	7.334	105	43385	4.048	ng	94
24) Nitrobenzene	7.510	77	35703	4.191	ng	97
25) Isophorone	7.740	82	60117	4.029	ng	97
26) 2-Nitrophenol	7.822	139	13652	3.764	ng	# 83
27) 2,4-Dimethylphenol	7.851	122	25245	4.237	ng	90
28) bis(2-Chloroethoxy)met...	7.951	93	34209	3.782	ng	97
29) 2,4-Dichlorophenol	8.063	162	19579	3.495	ng	96
30) 1,2,4-Trichlorobenzene	8.151	180	24071	3.843	ng	97
31) Naphthalene	8.234	128	83645	3.937	ng	98
32) Benzoic acid	7.922	122	10033m	2.374	ng	
33) 4-Chloroaniline	8.281	127	33880	4.051	ng	96
34) Hexachlorobutadiene	8.345	225	13350	3.651	ng	97
35) Caprolactam	8.610	113	6899	3.527	ng	92
36) 4-Chloro-3-methylphenol	8.751	107	26469	3.697	ng	99
37) 2-Methylnaphthalene	8.922	142	54616	3.961	ng	98
38) 1-Methylnaphthalene	9.022	142	52194	3.953	ng	97
40) 1,2,4,5-Tetrachloroben...	9.086	216	22367	4.019	ng	98
41) Hexachlorocyclopentadiene	9.075	237	8921	2.955	ng	97
43) 2,4,6-Trichlorophenol	9.198	196	14520	3.557	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.239	196	15317	3.566	ng		96
46)	1,1'-Biphenyl	9.386	154	67701	4.041	ng		94
47)	2-Chloronaphthalene	9.416	162	48384	3.895	ng		97
48)	2-Nitroaniline	9.504	65	17191	3.507	ng		95
49)	Acenaphthylene	9.828	152	82941	4.110	ng		99
50)	Dimethylphthalate	9.681	163	57744	3.821	ng	#	98
51)	2,6-Dinitrotoluene	9.745	165	11594	3.771	ng		92
52)	Acenaphthene	9.998	154	49345	3.760	ng		96
53)	3-Nitroaniline	9.916	138	13690	3.642	ng		94
54)	2,4-Dinitrophenol	10.022	184	2236	1.374	ng		90
55)	Dibenzofuran	10.175	168	71180	3.945	ng		98
56)	4-Nitrophenol	10.069	139	8383m	3.020	ng		
57)	2,4-Dinitrotoluene	10.145	165	15619	3.757	ng	#	92
58)	Fluorene	10.516	166	56015	3.985	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.286	232	12124	3.560	ng		96
60)	Diethylphthalate	10.381	149	61815	3.914	ng		98
61)	4-Chlorophenyl-phenyle...	10.510	204	25887	3.906	ng		98
62)	4-Nitroaniline	10.522	138	12826	3.456	ng	#	81
63)	Azobenzene	10.669	77	65057	3.700	ng		94
65)	4,6-Dinitro-2-methylph...	10.557	198	4790	2.099	ng		84
66)	n-Nitrosodiphenylamine	10.628	169	47221	3.708	ng		95
67)	4-Bromophenyl-phenylether	10.998	248	15845	3.652	ng	#	85
68)	Hexachlorobenzene	11.063	284	18415	3.942	ng		93
69)	Atrazine	11.145	200	16232	4.110	ng		96
70)	Pentachlorophenol	11.263	266	6093	2.389	ng		97
71)	Phenanthrene	11.480	178	84711	3.897	ng		98
72)	Anthracene	11.533	178	86451	3.995	ng		98
73)	Carbazole	11.686	167	73354	3.696	ng		97
74)	Di-n-butylphthalate	12.010	149	97731	3.831	ng		98
75)	Fluoranthene	12.675	202	82358	3.990	ng		96
77)	Benzidine	12.798	184	31784	4.398	ng	#	95
78)	Pyrene	12.904	202	83226	3.602	ng		99
80)	Butylbenzylphthalate	13.516	149	39062	3.571	ng		92
81)	Benzo(a)anthracene	14.092	228	66850	3.728	ng		98
82)	3,3'-Dichlorobenzidine	14.057	252	20160	3.568	ng	#	96
83)	Chrysene	14.127	228	64070	3.800	ng		97
84)	Bis(2-ethylhexyl)phtha...	14.069	149	55513	3.866	ng		99
85)	Di-n-octyl phthalate	14.686	149	81625	3.948	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.133	276	40325	2.978	ng	#	87
88)	Benzo(b)fluoranthene	15.157	252	56153	4.048	ng	#	95
89)	Benzo(k)fluoranthene	15.186	252	52346	3.912	ng	#	97
90)	Benzo(a)pyrene	15.539	252	47237	4.360	ng	#	92
91)	Dibenzo(a,h)anthracene	17.157	278	34570	3.087	ng	#	87
92)	Benzo(g,h,i)perylene	17.598	276	34579	3.132	ng	#	84

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

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