Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031422\
Data File : BF127313.D
Acq On : 14 Mar 2022 11:16
Operator : CG\JU
Sample : N1645-03
Misc : MDL-MDL-SOIL 8ppm
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 14 12:19:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 14 12:19:36 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/15/2022
Supervised By :Jagrut Upadhyay 03/15/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	118191	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	419505	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	242321	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	428953	20.000	ng		0.00
76) Chrysene-d12	14.045	240	343531	20.000	ng	#	0.00
86) Perylene-d12	15.533	264	262932	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	982264	133.602	ng		0.00
7) Phenol-d6	6.510	99	1382224	136.664	ng		0.00
23) Nitrobenzene-d5	7.440	82	791200	77.890	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	363111	139.199	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1301744	75.949	ng		0.00
79) Terphenyl-d14	12.992	244	1470947	73.731	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	23647	6.203	ng	#	83
3) Pyridine	3.510	79	62715	6.182	ng	#	86
4) n-Nitrosodimethylamine	3.387	42	36416m	6.479	ng		
6) Aniline	6.540	93	109512	9.060	ng		96
8) 2-Chlorophenol	6.657	128	60858	8.001	ng		94
9) Benzaldehyde	6.428	77	60576	10.275	ng		92
10) Phenol	6.516	94	87316	7.859	ng	#	58
11) bis(2-Chloroethyl)ether	6.610	93	69874	8.469	ng		94
12) 1,3-Dichlorobenzene	6.810	146	70481	8.255	ng		98
13) 1,4-Dichlorobenzene	6.887	146	72230	8.433	ng		98
14) 1,2-Dichlorobenzene	7.040	146	64926	8.054	ng		95
15) Benzyl Alcohol	7.010	79	59931	7.906	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	7.140	45	125148	8.083	ng		98
17) 2-Methylphenol	7.116	107	55716	8.617	ng		94
18) Hexachloroethane	7.375	117	26649	8.100	ng	#	84
19) n-Nitroso-di-n-propyla...	7.275	70	52026	8.243	ng	#	88
20) 3+4-Methylphenols	7.275	107	68637	8.185	ng	#	52
22) Acetophenone	7.275	105	94650	8.241	ng	#	89
24) Nitrobenzene	7.451	77	80045	8.331	ng		93
25) Isophorone	7.687	82	138597	8.485	ng		98
26) 2-Nitrophenol	7.769	139	31777	7.987	ng	#	85
27) 2,4-Dimethylphenol	7.798	122	56248	9.417	ng		97
28) bis(2-Chloroethoxy)met...	7.892	93	85017	8.215	ng		99
29) 2,4-Dichlorophenol	8.010	162	53726	7.854	ng		96
30) 1,2,4-Trichlorobenzene	8.092	180	63718	8.171	ng		95
31) Naphthalene	8.175	128	191929	8.577	ng		99
32) Benzoic acid	7.892	122	18455	4.979	ng		89
33) 4-Chloroaniline	8.222	127	75406	8.693	ng		93
34) Hexachlorobutadiene	8.281	225	39976	7.688	ng		97
35) Caprolactam	8.569	113	16100	7.879	ng		91
36) 4-Chloro-3-methylphenol	8.704	107	58117	7.839	ng		98
37) 2-Methylnaphthalene	8.863	142	128365	8.779	ng		98
38) 1-Methylnaphthalene	8.963	142	119819	8.524	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	65082	8.484	ng	#	93
41) Hexachlorocyclopentadiene	9.010	237	15504	5.751	ng		96
43) 2,4,6-Trichlorophenol	9.145	196	36159	7.468	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	38504m	7.493	ng		
46) 1,1'-Biphenyl	9.328	154	160764	8.790	ng		99
47) 2-Chloronaphthalene	9.351	162	119265	8.377	ng		99
48) 2-Nitroaniline	9.451	65	42712	7.797	ng		87
49) Acenaphthylene	9.769	152	197905	9.084	ng		99
50) Dimethylphthalate	9.622	163	136143	7.841	ng		99
51) 2,6-Dinitrotoluene	9.692	165	29230	8.322	ng		96
52) Acenaphthene	9.939	154	107736	8.296	ng		97
53) 3-Nitroaniline	9.863	138	29538	7.717	ng		96
54) 2,4-Dinitrophenol	9.981	184	6657	3.846	ng		85
55) Dibenzofuran	10.116	168	166734	8.264	ng		96
56) 4-Nitrophenol	10.033	139	14784	6.355	ng		82
57) 2,4-Dinitrotoluene	10.098	165	37453	8.104	ng	#	93
58) Fluorene	10.457	166	126883	8.110	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	30008	7.027	ng	#	80
60) Diethylphthalate	10.328	149	126766	8.004	ng		95
61) 4-Chlorophenyl-phenyle...	10.445	204	67896	8.008	ng		89
62) 4-Nitroaniline	10.475	138	28820	7.556	ng	#	79
63) Azobenzene	10.610	77	145906	8.014	ng		91
65) 4,6-Dinitro-2-methylph...	10.510	198	14851	5.615	ng		90
66) n-Nitrosodiphenylamine	10.569	169	109574	8.225	ng		98
67) 4-Bromophenyl-phenylether	10.939	248	39128	7.567	ng		92
68) Hexachlorobenzene	11.004	284	44597	7.914	ng		92
69) Atrazine	11.092	200	39365	8.563	ng		94
70) Pentachlorophenol	11.210	266	12681m	5.573	ng		
71) Phenanthrene	11.422	178	187297	8.271	ng		99
72) Anthracene	11.475	178	192543	8.586	ng		99
73) Carbazole	11.633	167	169181	8.011	ng		97
74) Di-n-butylphthalate	11.951	149	198055	8.018	ng		99
75) Fluoranthene	12.616	202	211101	8.338	ng		93
77) Benzidine	12.739	184	85275	9.761	ng	#	96
78) Pyrene	12.845	202	213932	7.995	ng		100
80) Butylbenzylphthalate	13.457	149	74332	7.218	ng	#	88
81) Benzo(a)anthracene	14.033	228	180389	7.799	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	58052	8.072	ng	#	96
83) Chrysene	14.069	228	170209	7.911	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	107543	7.758	ng	#	98
85) Di-n-octyl phthalate	14.621	149	157698	7.516	ng		97
87) Indeno(1,2,3-cd)pyrene	17.033	276	105053	6.632	ng	#	87
88) Benzo(b)fluoranthene	15.092	252	140859	8.162	ng	#	90
89) Benzo(k)fluoranthene	15.121	252	141205	8.701	ng	#	94
90) Benzo(a)pyrene	15.468	252	126041	9.274	ng	#	93
91) Dibenzo(a,h)anthracene	17.045	278	94102	7.138	ng	#	91
92) Benzo(g,h,i)perylene	17.486	276	89704	6.976	ng	#	85

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

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