Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129309.D
Acq On : 22 Jul 2022 11:24
Operator : CG\JU
Sample : N3214-03
Misc : MDL-MDL-SOIL 4ppm
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 22 11:50:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 13:42:18 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	145997	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	547629	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	297946	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	512225	20.000	ng	0.00
76) Chrysene-d12	14.069	240	404963	20.000	ng	-0.01
86) Perylene-d12	15.563	264	323373	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	979964	109.479	ng	0.00
7) Phenol-d6	6.522	99	1303426	114.229	ng	0.00
23) Nitrobenzene-d5	7.457	82	931313	91.493	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	366591	127.529	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1647824	85.081	ng	0.00
79) Terphenyl-d14	13.016	244	1725766	79.368	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	13504	3.402	ng	87
3) Pyridine	3.563	79	53167	4.852	ng	97
4) n-Nitrosodimethylamine	3.446	42	18145	3.688	ng	83
6) Aniline	6.557	93	56954	4.056	ng	97
8) 2-Chlorophenol	6.675	128	38079	3.881	ng	91
9) Benzaldehyde	6.445	77	31380	4.009	ng	97
10) Phenol	6.534	94	43810	3.653	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	36098	3.803	ng	91
12) 1,3-Dichlorobenzene	6.834	146	42454	4.014	ng	95
13) 1,4-Dichlorobenzene	6.910	146	41952	3.920	ng	97
14) 1,2-Dichlorobenzene	7.063	146	39406	3.985	ng	97
15) Benzyl Alcohol	7.028	79	46061	5.564	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.163	45	52284	3.613	ng	92
17) 2-Methylphenol	7.134	107	29830	3.730	ng	96
18) Hexachloroethane	7.404	117	15695	3.909	ng	92
19) n-Nitroso-di-n-propyla...	7.292	70	26898	3.956	ng	99
20) 3+4-Methylphenols	7.287	107	38620	3.703	ng	93
22) Acetophenone	7.298	105	55249	4.297	ng	98
24) Nitrobenzene	7.475	77	44763	4.270	ng	97
25) Isophorone	7.704	82	72739	4.070	ng	97
26) 2-Nitrophenol	7.787	139	18125	3.583	ng	97
27) 2,4-Dimethylphenol	7.816	122	33347m	4.382	ng	
28) bis(2-Chloroethoxy)met...	7.916	93	44000	4.250	ng	97
29) 2,4-Dichlorophenol	8.028	162	30498	3.853	ng	95
30) 1,2,4-Trichlorobenzene	8.116	180	32474	3.947	ng	99
31) Naphthalene	8.198	128	112033	3.989	ng	99
32) Benzoic acid	7.887	122	32328m	5.812	ng	
33) 4-Chloroaniline	8.245	127	45148	3.941	ng	96
34) Hexachlorobutadiene	8.310	225	20582	4.377	ng	95
35) Caprolactam	8.575	113	8835	3.500	ng	88
36) 4-Chloro-3-methylphenol	8.716	107	34543	4.108	ng	98
37) 2-Methylnaphthalene	8.886	142	72493	3.983	ng	99
38) 1-Methylnaphthalene	8.986	142	70312	3.993	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	32804	4.194	ng	98
41) Hexachlorocyclopentadiene	9.039	237	12952	3.757	ng	94
43) 2,4,6-Trichlorophenol	9.163	196	21292	3.725	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	22846	3.684	ng		97
46) 1,1'-Biphenyl	9.351	154	93488	4.246	ng		97
47) 2-Chloronaphthalene	9.375	162	68876	3.906	ng		98
48) 2-Nitroaniline	9.469	65	21016	3.548	ng		95
49) Acenaphthylene	9.792	152	113944	4.207	ng		99
50) Dimethylphthalate	9.645	163	81450	3.979	ng		99
51) 2,6-Dinitrotoluene	9.710	165	17237	3.761	ng		93
52) Acenaphthene	9.963	154	72469	4.123	ng		98
53) 3-Nitroaniline	9.881	138	19238	3.528	ng	#	96
54) 2,4-Dinitrophenol	9.986	184	13051	5.627	ng		98
55) Dibenzofuran	10.139	168	101809	4.168	ng		99
56) 4-Nitrophenol	10.033	139	12937	3.248	ng		85
57) 2,4-Dinitrotoluene	10.116	165	22246	3.702	ng	#	97
58) Fluorene	10.481	166	80378	4.123	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	16186	3.386	ng	#	87
60) Diethylphthalate	10.345	149	80162	4.070	ng		99
61) 4-Chlorophenyl-phenyle...	10.475	204	36542	4.285	ng		93
62) 4-Nitroaniline	10.486	138	18295	3.396	ng		94
63) Azobenzene	10.633	77	80614	3.956	ng		95
65) 4,6-Dinitro-2-methylph...	10.522	198	8972	2.848	ng		95
66) n-Nitrosodiphenylamine	10.586	169	67213	3.969	ng		96
67) 4-Bromophenyl-phenylether	10.963	248	22393	4.052	ng		96
68) Hexachlorobenzene	11.028	284	25117	4.149	ng		98
69) Atrazine	11.110	200	21551	4.164	ng		96
70) Pentachlorophenol	11.222	266	9388	2.821	ng		96
71) Phenanthrene	11.445	178	114866	4.086	ng		97
72) Anthracene	11.498	178	115668	4.152	ng		98
73) Carbazole	11.651	167	106528	4.099	ng		98
74) Di-n-butylphthalate	11.975	149	120829	4.024	ng		100
75) Fluoranthene	12.639	202	117434	4.098	ng		97
77) Benzidine	12.757	184	58706	3.638	ng		100
78) Pyrene	12.869	202	121939	3.521	ng		97
80) Butylbenzylphthalate	13.480	149	45415	3.213	ng		95
81) Benzo(a)anthracene	14.057	228	104542	3.749	ng		98
82) 3,3'-Dichlorobenzidine	14.016	252	34510	3.770	ng	#	95
83) Chrysene	14.092	228	99827	3.793	ng		96
84) Bis(2-ethylhexyl)phtha...	14.033	149	62158	3.581	ng	#	96
85) Di-n-octyl phthalate	14.651	149	87898	3.539	ng		99
87) Indeno(1,2,3-cd)pyrene	17.062	276	67025	3.023	ng		97
88) Benzo(b)fluoranthene	15.116	252	86715	4.029	ng		99
89) Benzo(k)fluoranthene	15.145	252	79864	3.821	ng		98
90) Benzo(a)pyrene	15.492	252	72303	4.152	ng		95
91) Dibenzo(a,h)anthracene	17.080	278	59710	3.342	ng		96
92) Benzo(g,h,i)perylene	17.521	276	56738	3.056	ng		98

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

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