Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072122\
Data File : BF129295.D
Acq On : 21 Jul 2022 13:44
Operator : CG\JU
Sample : N3214-01
Misc : LOD-MDL-SOIL 4ppm
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 21 14:07:57 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 :
LOD-MDL-SOIL-01-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	179688	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	680864	20.000	ng		0.00
39) Acenaphthene-d10	9.934	164	355988	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	620681	20.000	ng	#	0.00
76) Chrysene-d12	14.069	240	468039	20.000	ng		-0.01
86) Perylene-d12	15.563	264	372438	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1198802	108.816	ng		0.00
7) Phenol-d6	6.522	99	1628026	115.925	ng		0.00
23) Nitrobenzene-d5	7.457	82	1127526	89.093	ng		0.00
42) 2,4,6-Tribromophenol	10.728	330	422249	122.942	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1913568	82.692	ng		0.00
79) Terphenyl-d14	13.016	244	1926053	76.642	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	16384	3.354	ng		92
3) Pyridine	3.610	79	33537	2.487	ng		91
4) n-Nitrosodimethylamine	3.440	42	23048m	3.806	ng		
6) Aniline	6.557	93	71563	4.141	ng		98
8) 2-Chlorophenol	6.681	128	46817	3.876	ng		95
9) Benzaldehyde	6.446	77	39722	4.123	ng		97
10) Phenol	6.534	94	55955	3.791	ng		98
11) bis(2-Chloroethyl)ether	6.628	93	45076	3.858	ng		96
12) 1,3-Dichlorobenzene	6.834	146	51206	3.934	ng		97
13) 1,4-Dichlorobenzene	6.910	146	52493	3.986	ng		99
14) 1,2-Dichlorobenzene	7.063	146	47478	3.901	ng		98
15) Benzyl Alcohol	7.028	79	54857	5.384	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	65595	3.683	ng		94
17) 2-Methylphenol	7.134	107	37819	3.842	ng		96
18) Hexachloroethane	7.404	117	19812	4.009	ng	#	81
19) n-Nitroso-di-n-propyla...	7.293	70	33376	3.989	ng		99
20) 3+4-Methylphenols	7.287	107	48273	3.760	ng	#	86
22) Acetophenone	7.298	105	68587	4.290	ng		99
24) Nitrobenzene	7.475	77	54432	4.176	ng		95
25) Isophorone	7.704	82	88724	3.993	ng		97
26) 2-Nitrophenol	7.793	139	22870	3.636	ng		91
27) 2,4-Dimethylphenol	7.822	122	41481	4.384	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	53995	4.195	ng		98
29) 2,4-Dichlorophenol	8.028	162	36438	3.702	ng		97
30) 1,2,4-Trichlorobenzene	8.116	180	40503	3.960	ng		99
31) Naphthalene	8.198	128	140118	4.013	ng		98
32) Benzoic acid	7.875	122	10592	1.532	ng		92
33) 4-Chloroaniline	8.245	127	57483	4.036	ng		96
34) Hexachlorobutadiene	8.310	225	23681	4.051	ng		98
35) Caprolactam	8.575	113	10671	3.400	ng	#	86
36) 4-Chloro-3-methylphenol	8.716	107	41311	3.951	ng		100
37) 2-Methylnaphthalene	8.887	142	91563	4.046	ng		100
38) 1-Methylnaphthalene	8.987	142	87095	3.978	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	40555	4.339	ng		99
41) Hexachlorocyclopentadiene	9.039	237	14673	3.562	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	25624	3.752	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072122\
Data File : BF129295.D
Acq On : 21 Jul 2022 13:44
Operator : CG\JU
Sample : N3214-01
Misc : LOD-MDL-SOIL 4ppm
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022

Quant Time: Jul 21 14:07:57 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	26751	3.611	ng		95
46) 1,1'-Biphenyl	9.351	154	115526	4.392	ng		99
47) 2-Chloronaphthalene	9.381	162	85531	4.059	ng		95
48) 2-Nitroaniline	9.469	65	25587	3.616	ng		98
49) Acenaphthylene	9.792	152	138696	4.286	ng		100
50) Dimethylphthalate	9.645	163	96912	3.962	ng		97
51) 2,6-Dinitrotoluene	9.710	165	19865	3.627	ng		90
52) Acenaphthene	9.963	154	81375	3.875	ng		100
53) 3-Nitroaniline	9.881	138	22473	3.449	ng	#	94
54) 2,4-Dinitrophenol	9.986	184	4966	1.792	ng	#	82
55) Dibenzofuran	10.139	168	120087	4.115	ng		99
56) 4-Nitrophenol	10.034	139	15493	3.256	ng		89
57) 2,4-Dinitrotoluene	10.116	165	26566	3.700	ng	#	85
58) Fluorene	10.481	166	96519	4.144	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	20243m	3.544	ng		
60) Diethylphthalate	10.345	149	95278	4.049	ng		96
61) 4-Chlorophenyl-phenyle...	10.469	204	42669	4.188	ng	#	88
62) 4-Nitroaniline	10.486	138	22418	3.483	ng		95
63) Azobenzene	10.634	77	95421	3.920	ng		95
65) 4,6-Dinitro-2-methylph...	10.522	198	10556	2.765	ng		95
66) n-Nitrosodiphenylamine	10.586	169	81259	3.960	ng		97
67) 4-Bromophenyl-phenylether	10.963	248	25644	3.829	ng		90
68) Hexachlorobenzene	11.028	284	27893	3.803	ng		94
69) Atrazine	11.110	200	24949	3.978	ng		94
70) Pentachlorophenol	11.222	266	11267	2.794	ng		89
71) Phenanthrene	11.445	178	134850	3.958	ng		98
72) Anthracene	11.498	178	138624	4.107	ng		99
73) Carbazole	11.651	167	130183	4.134	ng		97
74) Di-n-butylphthalate	11.975	149	140859	3.872	ng		99
75) Fluoranthene	12.639	202	137252	3.953	ng		97
77) Benzidine	12.757	184	71730	3.846	ng		100
78) Pyrene	12.869	202	144092	3.600	ng		96
80) Butylbenzylphthalate	13.480	149	51346	3.143	ng		94
81) Benzo(a)anthracene	14.057	228	120714	3.745	ng		99
82) 3,3'-Dichlorobenzidine	14.022	252	38910	3.678	ng		98
83) Chrysene	14.092	228	113077	3.717	ng		98
84) Bis(2-ethylhexyl)phtha...	14.039	149	66920	3.336	ng		99
85) Di-n-octyl phthalate	14.651	149	92460	3.221	ng		98
87) Indeno(1,2,3-cd)pyrene	17.068	276	77258	3.026	ng		100
88) Benzo(b)fluoranthene	15.116	252	98648	3.980	ng		99
89) Benzo(k)fluoranthene	15.145	252	92953	3.862	ng		99
90) Benzo(a)pyrene	15.492	252	87285	4.352	ng		98
91) Dibenzo(a,h)anthracene	17.086	278	64897	3.154	ng		94
92) Benzo(g,h,i)perylene	17.521	276	66467	3.108	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072122\
Data File : BF129295.D
Acq On : 21 Jul 2022 13:44
Operator : CG\JU
Sample : N3214-01
Misc : LOD-MDL-SOIL 4ppm
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 21 14:07:57 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 :
LOD-MDL-SOIL-01-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/22/2022
Supervised By :Jagrut Upadhyay 07/22/2022