Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111822\
Data File : BF131293.D
Acq On : 18 Nov 2022 10:54
Operator : CG\JU
Sample : N4955-01
Misc : LOD-MDL-SOIL 8ppm
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 21 01:05:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 00:46:51 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	78235	20.000	ng		0.00
21) Naphthalene-d8	8.263	136	278174	20.000	ng		0.00
39) Acenaphthene-d10	10.027	164	163427	20.000	ng		0.00
64) Phenanthrene-d10	11.522	188	307701	20.000	ng		0.00
76) Chrysene-d12	14.174	240	206828	20.000	ng		0.00
86) Perylene-d12	15.715	264	147640	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	456832	106.877	ng		0.00
7) Phenol-d6	6.587	99	572545	105.661	ng		0.00
23) Nitrobenzene-d5	7.534	82	403189	77.424	ng		0.00
42) 2,4,6-Tribromophenol	10.816	330	156923	107.864	ng		0.00
45) 2-Fluorobiphenyl	9.345	172	838688	73.296	ng		0.00
79) Terphenyl-d14	13.116	244	979001	70.754	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	16318	8.257	ng		96
3) Pyridine	3.569	79	39224	7.123	ng		96
4) n-Nitrosodimethylamine	3.493	42	26113	7.643	ng		91
6) Aniline	6.628	93	60279	8.888	ng		99
8) 2-Chlorophenol	6.751	128	40776	8.618	ng		96
9) Benzaldehyde	6.522	77	37240	9.467	ng		92
10) Phenol	6.592	94	48182	8.034	ng		94
11) bis(2-Chloroethyl)ether	6.698	93	41562	8.610	ng		96
12) 1,3-Dichlorobenzene	6.910	146	47732	8.480	ng		97
13) 1,4-Dichlorobenzene	6.987	146	48125	8.409	ng		93
14) 1,2-Dichlorobenzene	7.139	146	44433	8.341	ng		100
15) Benzyl Alcohol	7.128	79	10443	2.263	ng	#	52
16) 2,2'-oxybis(1-Chloropr...	7.239	45	79385	8.685	ng		99
17) 2-Methylphenol	7.210	107	33345	8.061	ng		96
18) Hexachloroethane	7.486	117	16983	8.346	ng		95
19) n-Nitroso-di-n-propyla...	7.375	70	31998	8.210	ng	#	95
20) 3+4-Methylphenols	7.363	107	44011	8.331	ng		99
22) Acetophenone	7.375	105	64563	8.783	ng		97
24) Nitrobenzene	7.551	77	46343	8.792	ng		99
25) Isophorone	7.786	82	86304	8.680	ng		99
26) 2-Nitrophenol	7.869	139	12149	7.277	ng		95
27) 2,4-Dimethylphenol	7.898	122	37294	9.541	ng		98
28) bis(2-Chloroethoxy)met...	7.998	93	52242	9.407	ng		99
29) 2,4-Dichlorophenol	8.104	162	34102	8.147	ng		99
30) 1,2,4-Trichlorobenzene	8.198	180	42436	8.165	ng		98
31) Naphthalene	8.281	128	124692	8.266	ng		99
32) Benzoic acid	7.945	122	7753	3.316	ng		91
33) 4-Chloroaniline	8.328	127	50582	8.633	ng		95
34) Hexachlorobutadiene	8.398	225	28143	8.194	ng		96
35) Caprolactam	8.657	113	9697	8.320	ng		94
36) 4-Chloro-3-methylphenol	8.798	107	36160	8.014	ng		98
37) 2-Methylnaphthalene	8.975	142	85922	8.452	ng		100
38) 1-Methylnaphthalene	9.075	142	82362	8.361	ng		98
40) 1,2,4,5-Tetrachloroben...	9.139	216	47095	8.807	ng		97
41) Hexachlorocyclopentadiene	9.128	237	19021	8.223	ng		94
43) 2,4,6-Trichlorophenol	9.251	196	18705	5.883	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.286	196	29780	8.597	ng		95
46)	1,1'-Biphenyl	9.439	154	111292	8.819	ng		100
47)	2-Chloronaphthalene	9.469	162	87026	8.589	ng		99
48)	2-Nitroaniline	9.557	65	19305	6.893	ng		96
49)	Acenaphthylene	9.886	152	130439	8.428	ng		99
50)	Dimethylphthalate	9.733	163	96950	8.192	ng		100
51)	2,6-Dinitrotoluene	9.798	165	15434	7.940	ng		92
52)	Acenaphthene	10.057	154	79014	8.182	ng		99
53)	3-Nitroaniline	9.969	138	16147	7.849	ng		96
54)	2,4-Dinitrophenol	10.069	184	2663	3.889	ng	#	8
55)	Dibenzofuran	10.227	168	119906	8.562	ng		98
56)	4-Nitrophenol	10.116	139	8724	5.635	ng		90
57)	2,4-Dinitrotoluene	10.198	165	17371	7.390	ng	#	98
58)	Fluorene	10.575	166	94637	8.510	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.345	232	20101m	6.851	ng		
60)	Diethylphthalate	10.439	149	95523	8.461	ng		97
61)	4-Chlorophenyl-phenyle...	10.569	204	49963	8.862	ng		92
62)	4-Nitroaniline	10.580	138	16042	7.675	ng		93
63)	Azobenzene	10.727	77	96759	8.252	ng		99
65)	4,6-Dinitro-2-methylph...	10.604	198	4232	3.967	ng	#	64
66)	n-Nitrosodiphenylamine	10.680	169	81127	8.182	ng		98
67)	4-Bromophenyl-phenylether	11.063	248	30057	8.141	ng		90
68)	Hexachlorobenzene	11.122	284	32927	8.220	ng		95
69)	Atrazine	11.210	200	28626	9.049	ng		98
70)	Pentachlorophenol	11.316	266	10603m	4.954	ng		
71)	Phenanthrene	11.545	178	139299	8.187	ng		98
72)	Anthracene	11.598	178	142174	8.545	ng		99
73)	Carbazole	11.751	167	117180	8.378	ng		99
74)	Di-n-butylphthalate	12.080	149	142959	8.465	ng		99
75)	Fluoranthene	12.739	202	145952	8.266	ng		99
77)	Benzidine	12.863	184	57138	12.214	ng		97
78)	Pyrene	12.968	202	148855	7.480	ng		99
80)	Butylbenzylphthalate	13.592	149	43019	7.147	ng		92
81)	Benzo(a)anthracene	14.163	228	115766	7.939	ng		98
82)	3,3'-Dichlorobenzidine	14.127	252	31845	8.226	ng		99
83)	Chrysene	14.204	228	108234	7.761	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.157	149	55566	7.930	ng		99
85)	Di-n-octyl phthalate	14.780	149	65705	6.606	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.286	276	72990	6.519	ng		97
88)	Benzo(b)fluoranthene	15.257	252	81765	8.229	ng		99
89)	Benzo(k)fluoranthene	15.286	252	82874	8.160	ng		98
90)	Benzo(a)pyrene	15.651	252	65856	8.072	ng		99
91)	Dibenzo(a,h)anthracene	17.321	278	64836	7.036	ng		97
92)	Benzo(g,h,i)perylene	17.768	276	64705	6.946	ng		96

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

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