Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111822\
Data File : BP012674.D
Acq On : 18 Nov 2022 16:41
Operator : CG/JU
Sample : N4955-02
Misc : LOQ-SOIL-10ppm
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 21 03:46:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 03:25:56 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-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	8.045	152	197178	20.000	ng		0.00
21) Naphthalene-d8	10.863	136	884316	20.000	ng		0.00
39) Acenaphthene-d10	14.680	164	606821	20.000	ng		0.00
64) Phenanthrene-d10	17.439	188	1433711	20.000	ng		0.00
76) Chrysene-d12	21.521	240	1699585	20.000	ng		0.00
86) Perylene-d12	24.050	264	1948410	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	995887	91.278	ng		0.00
7) Phenol-d6	7.187	99	1433443	94.337	ng		0.00
23) Nitrobenzene-d5	9.210	82	1111177	79.004	ng		0.00
42) 2,4,6-Tribromophenol	16.169	330	732739	105.515	ng		0.00
45) 2-Fluorobiphenyl	13.310	172	3099115	76.845	ng		0.00
79) Terphenyl-d14	19.986	244	7650398	97.257	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	76803	17.528	ng		98
3) Pyridine	3.857	79	206924	14.960	ng		98
4) n-Nitrosodimethylamine	3.763	42	98976	16.756	ng	#	88
6) Aniline	7.363	93	348353	18.198	ng		100
8) 2-Chlorophenol	7.604	128	245343	18.211	ng		98
9) Benzaldehyde	7.175	77	224237	25.304	ng		98
10) Phenol	7.216	94	309332	18.070	ng		98
11) bis(2-Chloroethyl)ether	7.463	93	262859	19.276	ng		99
12) 1,3-Dichlorobenzene	7.934	146	291449	19.493	ng		99
13) 1,4-Dichlorobenzene	8.081	146	296944	19.478	ng		99
14) 1,2-Dichlorobenzene	8.404	146	290991	19.889	ng		99
15) Benzyl Alcohol	8.281	79	187394	16.552	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.581	45	378825	19.689	ng		99
17) 2-Methylphenol	8.481	107	209562	17.654	ng		97
18) Hexachloroethane	9.139	117	104066	20.427	ng		95
19) n-Nitroso-di-n-propyla...	8.851	70	184021	17.818	ng		96
20) 3+4-Methylphenols	8.804	107	279846	16.828	ng		98
22) Acetophenone	8.869	105	433977	19.660	ng	#	99
24) Nitrobenzene	9.251	77	296324	19.511	ng		97
25) Isophorone	9.781	82	596089	18.841	ng		99
26) 2-Nitrophenol	9.969	139	97588	14.818	ng		96
27) 2,4-Dimethylphenol	10.022	122	222058	17.867	ng		98
28) bis(2-Chloroethoxy)met...	10.269	93	368294	20.467	ng		99
29) 2,4-Dichlorophenol	10.498	162	249707	17.286	ng		98
30) 1,2,4-Trichlorobenzene	10.728	180	287147	18.519	ng		99
31) Naphthalene	10.916	128	907269	18.662	ng		100
32) Benzoic acid	10.098	122	120075m	12.339	ng		
33) 4-Chloroaniline	11.016	127	352689	17.413	ng		99
34) Hexachlorobutadiene	11.204	225	178005	19.431	ng		98
35) Caprolactam	11.775	113	71211	15.139	ng		96
36) 4-Chloro-3-methylphenol	12.128	107	270360	17.435	ng		98
37) 2-Methylnaphthalene	12.516	142	652319	18.763	ng		100
38) 1-Methylnaphthalene	12.733	142	626779	18.347	ng		99
40) 1,2,4,5-Tetrachloroben...	12.880	216	355868	20.107	ng		99
41) Hexachlorocyclopentadiene	12.863	237	158262	23.510	ng		98
43) 2,4,6-Trichlorophenol	13.110	196	211762	16.806	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.180	196	238597	17.114	ng		97
46)	1,1'-Biphenyl	13.522	154	892163	19.661	ng		99
47)	2-Chloronaphthalene	13.563	162	692470	19.218	ng		99
48)	2-Nitroaniline	13.757	65	106222	14.731	ng		99
49)	Acenaphthylene	14.404	152	1085972	18.467	ng		99
50)	Dimethylphthalate	14.133	163	839425	17.562	ng		99
51)	2,6-Dinitrotoluene	14.251	165	149145	17.794	ng		97
52)	Acenaphthene	14.745	154	681448	18.157	ng		97
53)	3-Nitroaniline	14.575	138	146953	15.310	ng	#	93
54)	2,4-Dinitrophenol	14.780	184	62813	13.496	ng		97
55)	Dibenzofuran	15.080	168	1087064	19.187	ng		97
56)	4-Nitrophenol	14.863	139	137732	15.329	ng		95
57)	2,4-Dinitrotoluene	15.033	165	189259	16.975	ng		91
58)	Fluorene	15.733	166	884658	19.839	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.298	232	211566	16.857	ng		99
60)	Diethylphthalate	15.504	149	807216	17.168	ng		99
61)	4-Chlorophenyl-phenyle...	15.727	204	439475	20.503	ng		96
62)	4-Nitroaniline	15.739	138	139867	14.895	ng		96
63)	Azobenzene	16.021	77	832987	19.391	ng		98
65)	4,6-Dinitro-2-methylph...	15.798	198	85995	12.214	ng		98
66)	n-Nitrosodiphenylamine	15.939	169	720252	16.857	ng		99
67)	4-Bromophenyl-phenylether	16.627	248	247318	16.497	ng		96
68)	Hexachlorobenzene	16.733	284	311121	17.895	ng		97
69)	Atrazine	16.892	200	203068	18.037	ng		98
70)	Pentachlorophenol	17.080	266	176667	15.656	ng		99
71)	Phenanthrene	17.480	178	1424948	17.522	ng		100
72)	Anthracene	17.574	178	1425745	18.172	ng		98
73)	Carbazole	17.833	167	1321684	17.737	ng		99
74)	Di-n-butylphthalate	18.392	149	1162015	14.957	ng		99
75)	Fluoranthene	19.439	202	1707836	17.726	ng		99
77)	Benzidine	19.610	184	261923	11.210	ng		99
78)	Pyrene	19.786	202	1766495	14.707	ng		99
80)	Butylbenzylphthalate	20.662	149	180476	8.325	ng		98
81)	Benzo(a)anthracene	21.509	228	1770355	14.858	ng		99
82)	3,3'-Dichlorobenzidine	21.433	252	357711	11.927	ng		98
83)	Chrysene	21.562	228	1679037	14.861	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.433	149	362045	9.216	ng		98
85)	Di-n-octyl phthalate	22.409	149	765386	9.209	ng		96
87)	Indeno(1,2,3-cd)pyrene	26.709	276	1747138	12.317	ng		99
88)	Benzo(b)fluoranthene	23.280	252	1779076	13.792	ng		99
89)	Benzo(k)fluoranthene	23.327	252	1768237	13.796	ng		99
90)	Benzo(a)pyrene	23.939	252	1470651	13.739	ng		99
91)	Dibenzo(a,h)anthracene	26.733	278	1539197	13.122	ng		99
92)	Benzo(g,h,i)perylene	27.527	276	1436493	12.609	ng		99

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

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