Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031822\
Data File : BP009453.D
Acq On : 18 Mar 2022 12:27
Operator : CG/JU
Sample : N1645-01
Misc : LOD-MDL-SOIL 4ppm
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 18 14:30:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 14:30:34 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.798	152	256655	20.000	ng		0.00
21) Naphthalene-d8	10.592	136	957327	20.000	ng		0.00
39) Acenaphthene-d10	14.439	164	633125	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1351281	20.000	ng		0.00
76) Chrysene-d12	21.315	240	1482276	20.000	ng	#	0.00
86) Perylene-d12	23.715	264	1547002	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	2311256	157.227	ng		0.00
7) Phenol-d6	6.987	99	2991775	150.493	ng		0.00
23) Nitrobenzene-d5	8.951	82	1569340	87.113	ng		0.00
42) 2,4,6-Tribromophenol	15.939	330	1630241	156.039	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	3942113	86.317	ng		0.00
79) Terphenyl-d14	19.780	244	6939389	84.029	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	23677	4.066	ng		95
3) Pyridine	3.740	79	52695	3.360	ng	#	94
4) n-Nitrosodimethylamine	3.640	42	20301	3.515	ng	#	91
6) Aniline	7.134	93	92757	4.094	ng		96
8) 2-Chlorophenol	7.369	128	64501	3.848	ng		93
9) Benzaldehyde	6.946	77	57425m	5.450	ng		
10) Phenol	7.016	94	76151	3.818	ng		84
11) bis(2-Chloroethyl)ether	7.228	93	60966	3.862	ng		98
12) 1,3-Dichlorobenzene	7.687	146	75352	3.983	ng		99
13) 1,4-Dichlorobenzene	7.834	146	75212	3.888	ng		98
14) 1,2-Dichlorobenzene	8.151	146	73274	3.919	ng		98
15) Benzyl Alcohol	8.116	79	74076m	4.674	ng		
16) 2,2'-oxybis(1-Chloropr...	8.328	45	66800	3.904	ng		87
17) 2-Methylphenol	8.263	107	47509	3.457	ng		93
18) Hexachloroethane	8.875	117	26454	3.902	ng		86
19) n-Nitroso-di-n-propyla...	8.610	70	42129	3.350	ng		97
20) 3+4-Methylphenols	8.604	107	54411	2.879	ng	#	69
22) Acetophenone	8.622	105	89349	3.771	ng	#	96
24) Nitrobenzene	8.993	77	73360	4.311	ng		97
25) Isophorone	9.528	82	118808	3.866	ng		98
26) 2-Nitrophenol	9.716	139	28111	3.169	ng		96
27) 2,4-Dimethylphenol	9.810	122	40746	3.255	ng		89
28) bis(2-Chloroethoxy)met...	10.022	93	66266	3.312	ng	#	98
29) 2,4-Dichlorophenol	10.292	162	43326	2.838	ng		98
30) 1,2,4-Trichlorobenzene	10.457	180	68035	3.846	ng		98
31) Naphthalene	10.640	128	193493	3.924	ng		99
32) Benzoic acid	10.069	122	18763m	1.917	ng		
33) 4-Chloroaniline	10.781	127	54567	2.712	ng		98
34) Hexachlorobutadiene	10.934	225	46633	3.891	ng		95
35) Caprolactam	11.545	113	17505	3.397	ng		89
36) 4-Chloro-3-methylphenol	11.922	107	54612	3.329	ng		94
37) 2-Methylnaphthalene	12.263	142	121585	3.514	ng		99
38) 1-Methylnaphthalene	12.481	142	126511	3.753	ng		100
40) 1,2,4,5-Tetrachloroben...	12.634	216	76953	3.663	ng	#	97
41) Hexachlorocyclopentadiene	12.610	237	8271	1.118	ng		93
43) 2,4,6-Trichlorophenol	12.892	196	43803	3.146	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.975	196	49099	3.247	ng		93
46)	1,1'-Biphenyl	13.275	154	194346	4.115	ng		98
47)	2-Chloronaphthalene	13.310	162	144359	3.882	ng		98
48)	2-Nitroaniline	13.533	65	32582	3.217	ng		95
49)	Acenaphthylene	14.163	152	239595	4.174	ng		99
50)	Dimethylphthalate	13.904	163	180383	3.760	ng		100
51)	2,6-Dinitrotoluene	14.016	165	35578	3.540	ng		98
52)	Acenaphthene	14.504	154	137318	4.004	ng		100
53)	3-Nitroaniline	14.363	138	33353	3.142	ng	#	99
54)	2,4-Dinitrophenol	14.610	184	7488m	1.356	ng		
55)	Dibenzofuran	14.839	168	224457	3.896	ng		98
56)	4-Nitrophenol	14.775	139	8307	1.050	ng	#	83
57)	2,4-Dinitrotoluene	14.816	165	44491	3.219	ng		95
58)	Fluorene	15.492	166	178751	3.945	ng		96
59)	2,3,4,6-Tetrachlorophenol	15.086	232	43945	3.206	ng		95
60)	Diethylphthalate	15.269	149	179282	3.734	ng		99
61)	4-Chlorophenyl-phenyle...	15.492	204	95458	3.825	ng		96
62)	4-Nitroaniline	15.545	138	24946	2.237	ng		98
63)	Azobenzene	15.786	77	153009	3.663	ng		97
65)	4,6-Dinitro-2-methylph...	15.598	198	16707	1.923	ng		96
66)	n-Nitrosodiphenylamine	15.710	169	153444	3.837	ng		99
67)	4-Bromophenyl-phenylether	16.392	248	60079	3.633	ng		96
68)	Hexachlorobenzene	16.510	284	73044	3.838	ng		96
69)	Atrazine	16.674	200	55634	3.957	ng		99
70)	Pentachlorophenol	16.892	266	24709	2.429	ng	#	86
71)	Phenanthrene	17.245	178	287773	3.978	ng		99
72)	Anthracene	17.339	178	277317	3.883	ng		99
73)	Carbazole	17.622	167	244567	3.502	ng		99
74)	Di-n-butylphthalate	18.174	149	293856	3.590	ng		99
75)	Fluoranthene	19.227	202	345931	3.950	ng		97
77)	Benzidine	19.427	184	106916	2.943	ng		99
78)	Pyrene	19.580	202	364364	3.730	ng		99
80)	Butylbenzylphthalate	20.463	149	144671	3.485	ng		92
81)	Benzo(a)anthracene	21.298	228	382881	3.932	ng		98
82)	3,3'-Dichlorobenzidine	21.245	252	135756	3.609	ng		98
83)	Chrysene	21.351	228	362854	3.935	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.233	149	213797	3.695	ng		98
85)	Di-n-octyl phthalate	22.157	149	358482	3.594	ng		99
87)	Indeno(1,2,3-cd)pyrene	26.221	276	435002	3.706	ng		96
88)	Benzo(b)fluoranthene	22.986	252	374949	4.060	ng		99
89)	Benzo(k)fluoranthene	23.033	252	379723	4.199	ng		98
90)	Benzo(a)pyrene	23.609	252	364763	4.616	ng		99
91)	Dibenzo(a,h)anthracene	26.239	278	377339	3.858	ng		98
92)	Benzo(g,h,i)perylene	26.992	276	378467	3.933	ng	#	93

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

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