Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015302.D
Acq On : 26 May 2023 10:38
Operator : CG/JU
Sample : 02213-03
Misc : MDL-MDL-SOIL 4ppm
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 26 11:50:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 01:41:43 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.110	152	199709	20.000	ng		0.00
21) Naphthalene-d8	10.940	136	797373	20.000	ng		0.00
39) Acenaphthene-d10	14.751	164	507726	20.000	ng		0.00
64) Phenanthrene-d10	17.510	188	1070642	20.000	ng		0.00
76) Chrysene-d12	21.586	240	804388	20.000	ng		0.00
86) Perylene-d12	24.139	264	799584	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	1298329	107.727	ng		0.00
7) Phenol-d6	7.263	99	1718265	108.789	ng		0.00
23) Nitrobenzene-d5	9.287	82	1296952	79.417	ng		0.00
42) 2,4,6-Tribromophenol	16.245	330	752241	109.026	ng		0.00
45) 2-Fluorobiphenyl	13.381	172	2886203	76.318	ng		0.00
79) Terphenyl-d14	20.045	244	3617738	84.596	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.452	88	20569	3.853	ng		95
3) Pyridine	3.893	79	42210	3.094	ng		97
4) n-Nitrosodimethylamine	3.787	42	23584	3.704	ng	#	99
6) Aniline	7.428	93	78648	3.940	ng		97
8) 2-Chlorophenol	7.669	128	50568	4.015	ng		97
10) Phenol	7.287	94	63419	4.009	ng		92
11) bis(2-Chloroethyl)ether	7.522	93	52986	3.996	ng		96
12) 1,3-Dichlorobenzene	7.993	146	58226	4.155	ng		97
13) 1,4-Dichlorobenzene	8.146	146	58220	4.127	ng		99
14) 1,2-Dichlorobenzene	8.469	146	55951	4.157	ng		96
15) Benzyl Alcohol	8.357	79	39700	3.601	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.646	45	74226m	4.342	ng		
17) 2-Methylphenol	8.557	107	41721	3.706	ng		99
18) Hexachloroethane	9.204	117	22018	4.141	ng		91
19) n-Nitroso-di-n-propyla...	8.922	70	42136	4.168	ng		99
20) 3+4-Methylphenols	8.887	107	54699	3.597	ng		98
22) Acetophenone	8.946	105	85614	4.134	ng	#	98
24) Nitrobenzene	9.328	77	64685	3.978	ng		96
25) Isophorone	9.857	82	109932	3.751	ng		99
26) 2-Nitrophenol	10.052	139	23033	3.227	ng		97
27) 2,4-Dimethylphenol	10.099	122	43580	3.642	ng		98
28) bis(2-Chloroethoxy)met...	10.340	93	74211	4.109	ng		95
29) 2,4-Dichlorophenol	10.587	162	42115	3.394	ng		97
30) 1,2,4-Trichlorobenzene	10.799	180	54734	3.955	ng		97
31) Naphthalene	10.993	128	167536	3.990	ng		100
32) Benzoic acid	10.181	122	10267m	7.283	ng		
33) 4-Chloroaniline	11.110	127	59498	3.427	ng		98
34) Hexachlorobutadiene	11.269	225	33941	3.871	ng		99
35) Caprolactam	11.875	113	11735	3.081	ng		95
36) 4-Chloro-3-methylphenol	12.216	107	47044	3.487	ng		99
37) 2-Methylnaphthalene	12.593	142	118066	3.956	ng		97
38) 1-Methylnaphthalene	12.804	142	109598	3.936	ng		97
40) 1,2,4,5-Tetrachloroben...	12.951	216	64446	3.868	ng		99
41) Hexachlorocyclopentadiene	12.928	237	28338	3.211	ng		99
43) 2,4,6-Trichlorophenol	13.193	196	34946	3.232	ng		95
44) 2,4,5-Trichlorophenol	13.269	196	37938	2.984	ng		94

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.587	154	165072	4.103	ng		98
47)	2-Chloronaphthalene	13.634	162	123038	4.054	ng		99
48)	2-Nitroaniline	13.840	65	28008	3.021	ng		95
49)	Acenaphthylene	14.475	152	178404	3.674	ng		100
50)	Dimethylphthalate	14.204	163	152821	3.847	ng		99
51)	2,6-Dinitrotoluene	14.328	165	28827	3.437	ng		94
52)	Acenaphthene	14.816	154	115402	3.990	ng		99
53)	3-Nitroaniline	14.663	138	24625	2.873	ng		98
54)	2,4-Dinitrophenol	14.875	184	9420	6.748	ng		93
55)	Dibenzofuran	15.151	168	187850	3.971	ng		98
56)	4-Nitrophenol	14.963	139	16156	5.482	ng		93
57)	2,4-Dinitrotoluene	15.116	165	33919	3.076	ng	#	91
58)	Fluorene	15.798	166	147555	4.038	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.375	232	35413	3.483	ng		98
60)	Diethylphthalate	15.563	149	149457	3.777	ng		97
61)	4-Chlorophenyl-phenyle...	15.787	204	75418	4.031	ng		99
62)	4-Nitroaniline	15.828	138	21512	4.527	ng		93
63)	Azobenzene	16.081	77	139477	3.695	ng		98
65)	4,6-Dinitro-2-methylph...	15.881	198	16166	2.486	ng		89
66)	n-Nitrosodiphenylamine	16.004	169	123822	3.881	ng		99
67)	4-Bromophenyl-phenylether	16.686	248	42857	3.702	ng		96
68)	Hexachlorobenzene	16.810	284	52802	4.142	ng		96
69)	Atrazine	16.957	200	39739	3.901	ng		97
70)	Pentachlorophenol	17.157	266	22526	2.578	ng		95
71)	Phenanthrene	17.551	178	231117	4.050	ng		99
72)	Anthracene	17.639	178	221815	3.881	ng		98
73)	Carbazole	17.910	167	179838	3.554	ng		99
74)	Di-n-butylphthalate	18.439	149	208322	3.206	ng		99
75)	Fluoranthene	19.504	202	233544	3.503	ng		100
77)	Benzidine	19.686	184	61281	4.811	ng		99
78)	Pyrene	19.857	202	247831	4.306	ng		99
80)	Butylbenzylphthalate	20.710	149	72112	2.957	ng		95
81)	Benzo(a)anthracene	21.569	228	211682	3.787	ng		98
82)	3,3'-Dichlorobenzidine	21.498	252	63859	3.699	ng		99
83)	Chrysene	21.622	228	207936	3.880	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.469	149	96841	2.696	ng		99
85)	Di-n-octyl phthalate	22.439	149	145356	2.392	ng		97
87)	Indeno(1,2,3-cd)pyrene	26.839	276	209268	3.611	ng		99
88)	Benzo(b)fluoranthene	23.351	252	188589	3.879	ng	#	98
89)	Benzo(k)fluoranthene	23.404	252	183871m	3.756	ng		
90)	Benzo(a)pyrene	24.027	252	160538	3.420	ng		98
91)	Dibenzo(a,h)anthracene	26.857	278	171485	3.603	ng		97
92)	Benzo(g,h,i)perylene	27.668	276	170192	3.519	ng		99

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

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