Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121422\
Data File : BP013107.D
Acq On : 14 Dec 2022 16:01
Operator : CG/JU
Sample : N4955-03
Misc : MDL-MDL-SOIL-4ng
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 15 04:05:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 04:03:43 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2022

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
Supervised By :mohammad ahmed 12/17/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.957	152	538318	20.000	ng		0.00
21) Naphthalene-d8	10.775	136	2150292	20.000	ng		0.00
39) Acenaphthene-d10	14.598	164	1333308	20.000	ng		0.00
64) Phenanthrene-d10	17.357	188	2498859	20.000	ng		0.00
76) Chrysene-d12	21.439	240	1688366	20.000	ng		0.00
86) Perylene-d12	23.927	264	1872104	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	2735388	92.843	ng		0.00
7) Phenol-d6	7.116	99	3585664	93.192	ng		0.00
23) Nitrobenzene-d5	9.128	82	2609562	66.532	ng		0.00
42) 2,4,6-Tribromophenol	16.092	330	1473715	91.675	ng		0.00
45) 2-Fluorobiphenyl	13.222	172	6520300	66.400	ng		0.00
79) Terphenyl-d14	19.910	244	6498327	75.934	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	46440	3.557	ng		96
3) Pyridine	3.805	79	107957	2.912	ng		97
4) n-Nitrosodimethylamine	3.699	42	55075	3.315	ng	#	93
6) Aniline	7.281	93	174391	3.743	ng		97
8) 2-Chlorophenol	7.516	128	117389	3.380	ng		96
9) Benzaldehyde	7.098	77	103148m	4.468	ng		
10) Phenol	7.140	94	143738	3.338	ng		90
11) bis(2-Chloroethyl)ether	7.381	93	121555	3.506	ng		97
12) 1,3-Dichlorobenzene	7.846	146	138474	3.427	ng		97
13) 1,4-Dichlorobenzene	7.993	146	140450	3.413	ng		99
14) 1,2-Dichlorobenzene	8.316	146	135887	3.479	ng		99
15) Benzyl Alcohol	8.198	79	89320	3.200	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.493	45	181838	3.621	ng		97
17) 2-Methylphenol	8.398	107	87828	3.085	ng		97
18) Hexachloroethane	9.045	117	45293	3.250	ng		90
19) n-Nitroso-di-n-propyla...	8.769	70	85689	3.429	ng		99
20) 3+4-Methylphenols	8.728	107	114667	2.963	ng		98
22) Acetophenone	8.787	105	179157	3.348	ng	#	96
24) Nitrobenzene	9.169	77	142647	3.490	ng		96
25) Isophorone	9.698	82	218460	3.279	ng		99
26) 2-Nitrophenol	9.887	139	46005	2.459	ng		97
27) 2,4-Dimethylphenol	9.940	122	93500	3.317	ng		100
28) bis(2-Chloroethoxy)met...	10.181	93	157249	3.681	ng		98
29) 2,4-Dichlorophenol	10.416	162	95718	2.751	ng		95
30) 1,2,4-Trichlorobenzene	10.634	180	130953	3.189	ng		100
31) Naphthalene	10.822	128	386392	3.282	ng		99
33) 4-Chloroaniline	10.939	127	137103	3.122	ng		97
34) Hexachlorobutadiene	11.110	225	81933	3.128	ng		99
35) Caprolactam	11.716	113	21381m	2.380	ng		
36) 4-Chloro-3-methylphenol	12.051	107	93610	2.881	ng		96
37) 2-Methylnaphthalene	12.428	142	255733	3.230	ng		98
38) 1-Methylnaphthalene	12.645	142	251607	3.263	ng		99
40) 1,2,4,5-Tetrachloroben...	12.792	216	153367	3.224	ng		99
41) Hexachlorocyclopentadiene	12.775	237	68298	2.848	ng		100
43) 2,4,6-Trichlorophenol	13.033	196	76797	2.560	ng		97
44) 2,4,5-Trichlorophenol	13.104	196	86450	2.668	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.433	154	365717	3.469	ng		100
47)	2-Chloronaphthalene	13.475	162	272967	3.258	ng		97
48)	2-Nitroaniline	13.681	65	46822	2.259	ng		96
49)	Acenaphthylene	14.322	152	363667	2.951	ng		99
50)	Dimethylphthalate	14.051	163	299535	3.071	ng		100
51)	2,6-Dinitrotoluene	14.175	165	48534	2.432	ng		91
52)	Acenaphthene	14.663	154	244662	3.193	ng		97
53)	3-Nitroaniline	14.504	138	43783	2.152	ng	#	98
55)	Dibenzofuran	14.998	168	405180	3.304	ng		100
57)	2,4-Dinitrotoluene	14.963	165	50708	2.033	ng	#	85
58)	Fluorene	15.651	166	300965	3.171	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.222	232	69700	2.516	ng		98
60)	Diethylphthalate	15.416	149	259818	2.898	ng		99
61)	4-Chlorophenyl-phenyle...	15.639	204	160932	3.276	ng		98
63)	Azobenzene	15.933	77	226421	2.717	ng		96
66)	n-Nitrosodiphenylamine	15.857	169	237029	3.038	ng		99
67)	4-Bromophenyl-phenylether	16.539	248	89001	3.012	ng		99
68)	Hexachlorobenzene	16.657	284	109005	3.151	ng		98
69)	Atrazine	16.810	200	61026	2.788	ng		98
71)	Phenanthrene	17.398	178	441920	3.108	ng		99
72)	Anthracene	17.492	178	391282	2.931	ng		99
73)	Carbazole	17.763	167	305693	2.612	ng		99
74)	Di-n-butylphthalate	18.304	149	272814	2.119	ng		98
75)	Fluoranthene	19.363	202	386105	2.523	ng		99
77)	Benzidine	19.539	184	88550	3.692	ng		98
78)	Pyrene	19.715	202	396334	3.267	ng		98
80)	Butylbenzylphthalate	20.580	149	83253	2.117	ng		97
81)	Benzo(a)anthracene	21.427	228	349026	3.024	ng		98
82)	3,3'-Dichlorobenzidine	21.357	252	93433	2.719	ng		94
83)	Chrysene	21.480	228	359432	3.193	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.339	149	108312	2.025	ng		98
87)	Indeno(1,2,3-cd)pyrene	26.521	276	424142	2.773	ng		98
88)	Benzo(b)fluoranthene	23.162	252	347989	2.887	ng		99
89)	Benzo(k)fluoranthene	23.209	252	351234	2.880	ng		97
90)	Benzo(a)pyrene	23.815	252	296372	2.930	ng		99
91)	Dibenzo(a,h)anthracene	26.539	278	373987	2.942	ng		98
92)	Benzo(g,h,i)perylene	27.321	276	372933	2.961	ng		98

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

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