Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121422\
Data File : BP013106.D
Acq On : 14 Dec 2022 15:27
Operator : CG/JU
Sample : N4955-03
Misc : MDL-MDL-SOIL-8ng
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 15 04:04:12 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	450094	20.000	ng		0.00
21) Naphthalene-d8	10.775	136	1675379	20.000	ng		0.00
39) Acenaphthene-d10	14.598	164	1048425	20.000	ng		0.00
64) Phenanthrene-d10	17.357	188	2364902	20.000	ng		0.00
76) Chrysene-d12	21.445	240	2417139	20.000	ng		0.00
86) Perylene-d12	23.927	264	2639240	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	2364419	95.982	ng		0.00
7) Phenol-d6	7.116	99	3014393	93.701	ng		0.00
23) Nitrobenzene-d5	9.128	82	1991727	65.174	ng		0.00
42) 2,4,6-Tribromophenol	16.092	330	1300350	102.870	ng		0.00
45) 2-Fluorobiphenyl	13.222	172	4880336	63.204	ng		0.00
79) Terphenyl-d14	19.910	244	7827706	63.890	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	79771	7.309	ng		96
3) Pyridine	3.799	79	186330	6.011	ng		93
4) n-Nitrosodimethylamine	3.699	42	94293	6.788	ng	#	95
6) Aniline	7.281	93	287807	7.388	ng		99
8) 2-Chlorophenol	7.516	128	197862	6.813	ng		95
9) Benzaldehyde	7.093	77	163896m	8.491	ng		
10) Phenol	7.140	94	244045	6.777	ng		94
11) bis(2-Chloroethyl)ether	7.381	93	198099	6.833	ng		97
12) 1,3-Dichlorobenzene	7.846	146	230404	6.819	ng		96
13) 1,4-Dichlorobenzene	7.993	146	234910	6.827	ng		98
14) 1,2-Dichlorobenzene	8.316	146	225875	6.916	ng		98
15) Benzyl Alcohol	8.199	79	148841	6.378	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.493	45	293016	6.978	ng		99
17) 2-Methylphenol	8.399	107	148044	6.220	ng		97
18) Hexachloroethane	9.046	117	77014	6.609	ng		94
19) n-Nitroso-di-n-propyla...	8.763	70	134351	6.430	ng		98
20) 3+4-Methylphenols	8.728	107	192772	5.957	ng		98
22) Acetophenone	8.787	105	288747	6.926	ng	#	99
24) Nitrobenzene	9.169	77	220131	6.911	ng		96
25) Isophorone	9.698	82	349393	6.732	ng		99
26) 2-Nitrophenol	9.887	139	77550	5.319	ng		96
27) 2,4-Dimethylphenol	9.940	122	151656	6.905	ng		99
28) bis(2-Chloroethoxy)met...	10.175	93	241960	7.270	ng		98
29) 2,4-Dichlorophenol	10.416	162	161745	5.967	ng		99
30) 1,2,4-Trichlorobenzene	10.634	180	204484	6.392	ng		98
31) Naphthalene	10.822	128	608604	6.634	ng		98
32) Benzoic acid	10.004	122	71403m	4.121	ng		
33) 4-Chloroaniline	10.934	127	227851	6.660	ng		99
34) Hexachlorobutadiene	11.104	225	130898	6.414	ng		99
35) Caprolactam	11.716	113	41489m	5.928	ng		
36) 4-Chloro-3-methylphenol	12.051	107	158234	6.250	ng		98
37) 2-Methylnaphthalene	12.428	142	410947	6.661	ng		99
38) 1-Methylnaphthalene	12.645	142	391473	6.516	ng		99
40) 1,2,4,5-Tetrachloroben...	12.792	216	239355	6.399	ng		99
41) Hexachlorocyclopentadiene	12.775	237	111084	5.890	ng		98
43) 2,4,6-Trichlorophenol	13.034	196	129630	5.496	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	146509	5.749	ng		96
46) 1,1'-Biphenyl	13.434	154	562951	6.791	ng		99
47) 2-Chloronaphthalene	13.475	162	427208	6.484	ng		98
48) 2-Nitroaniline	13.681	65	88214	5.412	ng		90
49) Acenaphthylene	14.322	152	609693	6.291	ng		99
50) Dimethylphthalate	14.051	163	512931	6.689	ng		99
51) 2,6-Dinitrotoluene	14.175	165	92816	5.915	ng		94
52) Acenaphthene	14.663	154	393572	6.532	ng		100
53) 3-Nitroaniline	14.504	138	89909	5.619	ng	#	98
54) 2,4-Dinitrophenol	14.710	184	37723	4.035	ng		91
55) Dibenzofuran	14.998	168	660821	6.853	ng		99
56) 4-Nitrophenol	14.804	139	72287	5.512	ng		94
57) 2,4-Dinitrotoluene	14.963	165	111010	5.659	ng		92
58) Fluorene	15.651	166	516549	6.922	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.222	232	132098	6.064	ng		97
60) Diethylphthalate	15.416	149	480261	6.812	ng		99
61) 4-Chlorophenyl-phenyle...	15.639	204	271867	7.039	ng		97
62) 4-Nitroaniline	15.669	138	80245	5.373	ng		87
63) Azobenzene	15.933	77	431692	6.589	ng		96
65) 4,6-Dinitro-2-methylph...	15.728	198	58351	3.841	ng		92
66) n-Nitrosodiphenylamine	15.857	169	434036	5.878	ng		100
67) 4-Bromophenyl-phenylether	16.539	248	158144	5.655	ng		100
68) Hexachlorobenzene	16.657	284	196236	5.993	ng		99
69) Atrazine	16.810	200	143626	6.933	ng		100
70) Pentachlorophenol	17.004	266	94966	4.925	ng		99
71) Phenanthrene	17.398	178	848448	6.305	ng		99
72) Anthracene	17.492	178	790795	6.260	ng		100
73) Carbazole	17.757	167	725948	6.555	ng		100
74) Di-n-butylphthalate	18.304	149	709442	5.824	ng		99
75) Fluoranthene	19.363	202	958318	6.616	ng		100
77) Benzidine	19.539	184	310062	9.031	ng		99
78) Pyrene	19.716	202	1018623	5.865	ng		100
80) Butylbenzylphthalate	20.580	149	300788	5.342	ng		98
81) Benzo(a)anthracene	21.427	228	1071492	6.485	ng		99
82) 3,3'-Dichlorobenzidine	21.357	252	331792	6.744	ng		100
83) Chrysene	21.480	228	1035360	6.424	ng		99
84) Bis(2-ethylhexyl)phtha...	21.339	149	421758	5.507	ng		100
85) Di-n-octyl phthalate	22.286	149	677360	5.266	ng		97
87) Indeno(1,2,3-cd)pyrene	26.521	276	1183227	5.487	ng		99
88) Benzo(b)fluoranthene	23.162	252	1036268	6.098	ng		99
89) Benzo(k)fluoranthene	23.215	252	1078757	6.275	ng		99
90) Benzo(a)pyrene	23.815	252	899199	6.306	ng		99
91) Dibenzo(a,h)anthracene	26.539	278	1047506	5.845	ng		99
92) Benzo(g,h,i)perylene	27.321	276	1016829	5.726	ng		99

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

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