Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011723\
Data File : BP013490.D
Acq On : 17 Jan 2023 11:21
Operator : CG/JU
Sample : N3214-03
Misc : MDL-MDL-SOIL 4ppm
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 18 03:11:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 13 03:32:57 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	559321	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	2278462	20.000	ng		0.00
39) Acenaphthene-d10	14.551	164	1584925	20.000	ng		0.00
64) Phenanthrene-d10	17.310	188	3652131	20.000	ng		0.00
76) Chrysene-d12	21.404	240	3674459	20.000	ng		0.00
86) Perylene-d12	23.869	264	3844707	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.458	112	2869483	90.120	ng		0.00
7) Phenol-d6	7.069	99	3939258	87.524	ng		0.00
23) Nitrobenzene-d5	9.075	82	3016638	70.340	ng		0.00
42) 2,4,6-Tribromophenol	16.051	330	2275500	91.977	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	7720650	71.211	ng		0.00
79) Terphenyl-d14	19.869	244	11730741	65.269	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.329	88	45947	3.680	ng		98
3) Pyridine	3.758	79	109892	2.823	ng		96
4) n-Nitrosodimethylamine	3.652	42	66145	3.544	ng	#	94
6) Aniline	7.228	93	199245	3.313	ng		97
8) 2-Chlorophenol	7.464	128	128941	3.499	ng		99
9) Benzaldehyde	7.040	77	113953m	4.194	ng		
10) Phenol	7.093	94	158726	3.417	ng		93
11) bis(2-Chloroethyl)ether	7.328	93	129475	3.438	ng		98
12) 1,3-Dichlorobenzene	7.787	146	143298	3.691	ng		98
13) 1,4-Dichlorobenzene	7.940	146	146923	3.713	ng		96
14) 1,2-Dichlorobenzene	8.258	146	145080	3.753	ng		99
15) Benzyl Alcohol	8.146	79	106601	3.074	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.440	45	214892	3.688	ng		98
17) 2-Methylphenol	8.352	107	105351	3.063	ng		98
18) Hexachloroethane	8.981	117	49494	3.532	ng		94
19) n-Nitroso-di-n-propyla...	8.711	70	106039	3.301	ng		96
20) 3+4-Methylphenols	8.675	107	141619	2.964	ng		96
22) Acetophenone	8.734	105	208356	3.571	ng	#	98
24) Nitrobenzene	9.116	77	164692	3.713	ng		98
25) Isophorone	9.640	82	289628	3.281	ng		99
26) 2-Nitrophenol	9.828	139	64233	2.929	ng		92
27) 2,4-Dimethylphenol	9.887	122	112371	3.113	ng		95
28) bis(2-Chloroethoxy)met...	10.122	93	179165	3.441	ng		99
29) 2,4-Dichlorophenol	10.363	162	120236	3.174	ng		99
30) 1,2,4-Trichlorobenzene	10.575	180	144560	3.606	ng		99
31) Naphthalene	10.763	128	429251	3.563	ng		99
32) Benzoic acid	9.963	122	64081	2.128	ng		99
33) 4-Chloroaniline	10.881	127	172364	3.132	ng		96
34) Hexachlorobutadiene	11.046	225	93938	3.717	ng		98
35) Caprolactam	11.669	113	39084	2.896	ng		98
36) 4-Chloro-3-methylphenol	12.005	107	132155	3.202	ng		97
37) 2-Methylnaphthalene	12.375	142	306708	3.391	ng		99
38) 1-Methylnaphthalene	12.593	142	294774	3.455	ng		100
40) 1,2,4,5-Tetrachloroben...	12.740	216	183705	3.536	ng		100
41) Hexachlorocyclopentadiene	12.716	237	74081	2.735	ng		98
43) 2,4,6-Trichlorophenol	12.987	196	108911	3.049	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	116984	2.791	ng		98
46) 1,1'-Biphenyl	13.387	154	435251	3.632	ng		99
47) 2-Chloronaphthalene	13.428	162	320449	3.487	ng		99
48) 2-Nitroaniline	13.634	65	80367	2.657	ng		94
49) Acenaphthylene	14.275	152	496501	3.276	ng		99
50) Dimethylphthalate	14.004	163	413518	3.290	ng		99
51) 2,6-Dinitrotoluene	14.128	165	80426	2.934	ng		90
52) Acenaphthene	14.616	154	308885	3.443	ng		99
53) 3-Nitroaniline	14.463	138	75757	2.583	ng		95
54) 2,4-Dinitrophenol	14.675	184	37699	2.024	ng		96
55) Dibenzofuran	14.951	168	522100	3.510	ng		99
56) 4-Nitrophenol	14.775	139	59745	2.535	ng		95
57) 2,4-Dinitrotoluene	14.922	165	103931	2.772	ng	#	88
58) Fluorene	15.604	166	411923	3.510	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.181	232	110197	3.041	ng		97
60) Diethylphthalate	15.369	149	404383	3.288	ng		100
61) 4-Chlorophenyl-phenyle...	15.593	204	220802	3.542	ng		98
62) 4-Nitroaniline	15.628	138	74157m	2.469	ng		
63) Azobenzene	15.887	77	359933	3.187	ng		97
65) 4,6-Dinitro-2-methylph...	15.687	198	57762	2.313	ng		92
66) n-Nitrosodiphenylamine	15.810	169	353034	3.290	ng		99
67) 4-Bromophenyl-phenylether	16.493	248	136911	3.256	ng		97
68) Hexachlorobenzene	16.610	284	163812	3.578	ng		99
69) Atrazine	16.769	200	131888	3.356	ng		99
70) Pentachlorophenol	16.963	266	83002	2.474	ng		99
71) Phenanthrene	17.357	178	686637	3.563	ng		98
72) Anthracene	17.445	178	655941	3.345	ng		98
73) Carbazole	17.722	167	594288	3.328	ng		99
74) Di-n-butylphthalate	18.263	149	641494	3.095	ng		99
75) Fluoranthene	19.322	202	805716	3.481	ng		99
77) Benzidine	19.504	184	343631	3.147	ng		100
78) Pyrene	19.675	202	844239	3.493	ng		97
80) Butylbenzylphthalate	20.545	149	284967	2.728	ng		99
81) Benzo(a)anthracene	21.386	228	877945	3.548	ng		97
82) 3,3'-Dichlorobenzidine	21.322	252	306114	3.311	ng		99
83) Chrysene	21.445	228	829045	3.546	ng		97
84) Bis(2-ethylhexyl)phtha...	21.298	149	427673	2.829	ng		99
85) Di-n-octyl phthalate	22.239	149	704515	2.745	ng		97
87) Indeno(1,2,3-cd)pyrene	26.427	276	802904	2.888	ng		100
88) Benzo(b)fluoranthene	23.110	252	852147	3.733	ng		99
89) Benzo(k)fluoranthene	23.157	252	822017	3.710	ng		98
90) Benzo(a)pyrene	23.751	252	726116	3.238	ng		99
91) Dibenzo(a,h)anthracene	26.445	278	690682	2.983	ng		99
92) Benzo(g,h,i)perylene	27.221	276	685372	3.000	ng		99

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

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