Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021423\
Data File : BM038736.D
Acq On : 14 Feb 2023 18:48
Operator : CG/JU
Sample : 01542-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SOILMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/15/2023
Supervised By :Jagrut Upadhyay 02/17/2023

Quant Time: Feb 15 02:09:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 02:07:17 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	40555	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	143250	20.000	ng		0.00
39) Acenaphthene-d10	14.539	164	94084	20.000	ng		0.00
64) Phenanthrene-d10	17.286	188	191608	20.000	ng		0.00
76) Chrysene-d12	21.462	240	182212	20.000	ng	#	0.00
86) Perylene-d12	23.844	264	246889	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	253400	122.399	ng		0.00
7) Phenol-d6	7.075	99	292450	123.856	ng		0.00
23) Nitrobenzene-d5	9.075	82	173599	68.834	ng		0.00
42) 2,4,6-Tribromophenol	16.033	330	150382	117.595	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	486879	65.882	ng		0.00
79) Terphenyl-d14	19.903	244	647751	62.733	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.310	88	37669	41.272	ng		96
3) Pyridine	3.728	79	92971	42.838	ng		96
4) n-Nitrosodimethylamine	3.640	42	43868	44.774	ng	#	90
6) Aniline	7.234	93	61261	20.799	ng		95
8) 2-Chlorophenol	7.463	128	118821	52.598	ng		93
9) Benzaldehyde	7.040	77	52007	49.972	ng		96
10) Phenol	7.104	94	126133	52.876	ng		91
11) bis(2-Chloroethyl)ether	7.328	93	96792	50.104	ng		97
12) 1,3-Dichlorobenzene	7.787	146	149405	51.763	ng		97
13) 1,4-Dichlorobenzene	7.934	146	151626	52.052	ng		99
14) 1,2-Dichlorobenzene	8.251	146	146332	52.437	ng		98
15) Benzyl Alcohol	8.151	79	82590m	47.522	ng		
16) 2,2'-oxybis(1-Chloropr...	8.422	45	83663	45.722	ng		99
17) 2-Methylphenol	8.357	107	89165	48.732	ng		94
18) Hexachloroethane	8.975	117	49915	53.060	ng		91
19) n-Nitroso-di-n-propyla...	8.716	70	68032	47.800	ng		95
20) 3+4-Methylphenols	8.687	107	119589	49.022	ng		96
22) Acetophenone	8.734	105	156147	45.708	ng	#	98
24) Nitrobenzene	9.116	77	112357	43.893	ng		93
25) Isophorone	9.639	82	190760	43.178	ng		99
26) 2-Nitrophenol	9.828	139	70433	49.447	ng		99
27) 2,4-Dimethylphenol	9.892	122	103360	50.293	ng		95
28) bis(2-Chloroethoxy)met...	10.128	93	123565	45.765	ng		99
29) 2,4-Dichlorophenol	10.363	162	133970	45.883	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	136672	44.005	ng		98
31) Naphthalene	10.757	128	353699	48.116	ng		99
32) Benzoic acid	10.039	122	76403	45.925	ng		90
33) 4-Chloroaniline	10.886	127	22668	7.036	ng	#	89
34) Hexachlorobutadiene	11.028	225	67592	43.444	ng		98
35) Caprolactam	11.680	113	29491m	46.899	ng		
36) 4-Chloro-3-methylphenol	12.010	107	97788	45.293	ng		95
37) 2-Methylnaphthalene	12.369	142	265000	44.610	ng		98
38) 1-Methylnaphthalene	12.586	142	249550	44.582	ng		98
40) 1,2,4,5-Tetrachloroben...	12.733	216	113861	46.501	ng	#	98
41) Hexachlorocyclopentadiene	12.704	237	148721	97.880	ng		96
43) 2,4,6-Trichlorophenol	12.980	196	90351	46.969	ng		95

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44) 2,4,5-Trichlorophenol	13.057	196	98350	43.447	ng	96
46) 1,1'-Biphenyl	13.380	154	369077	49.522	ng	100
47) 2-Chloronaphthalene	13.422	162	290891	49.602	ng	98
48) 2-Nitroaniline	13.639	65	58758	44.558	ng	94
49) Acenaphthylene	14.263	152	460623	49.867	ng	99
50) Dimethylphthalate	14.004	163	356872	46.481	ng	100
51) 2,6-Dinitrotoluene	14.133	165	76440	48.985	ng	96
52) Acenaphthene	14.604	154	268814	48.739	ng	99
53) 3-Nitroaniline	14.469	138	28479	18.475	ng	86
54) 2,4-Dinitrophenol	14.674	184	97445	95.937	ng	93
55) Dibenzofuran	14.939	168	438139	46.131	ng	98
56) 4-Nitrophenol	14.780	139	137930	110.209	ng	93
57) 2,4-Dinitrotoluene	14.921	165	107893	46.896	ng	98
58) Fluorene	15.586	166	361224	48.067	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.168	232	75231	47.751	ng	97
60) Diethylphthalate	15.363	149	353793	48.641	ng	98
61) 4-Chlorophenyl-phenyle...	15.580	204	145840	45.745	ng	99
62) 4-Nitroaniline	15.627	138	76452m	45.693	ng	
63) Azobenzene	15.874	77	293535	52.454	ng	98
65) 4,6-Dinitro-2-methylph...	15.680	198	55127	45.703	ng	96
66) n-Nitrosodiphenylamine	15.798	169	301317	48.162	ng	98
67) 4-Bromophenyl-phenylether	16.474	248	88098	47.618	ng	97
68) Hexachlorobenzene	16.586	284	115790	51.210	ng	96
69) Atrazine	16.751	200	96112	53.004	ng	98
70) Pentachlorophenol	16.939	266	147067	89.226	ng	98
71) Phenanthrene	17.327	178	555782	48.851	ng	99
72) Anthracene	17.415	178	572005	49.146	ng	100
73) Carbazole	17.698	167	553691	51.009	ng	98
74) Di-n-butylphthalate	18.245	149	667290	54.412	ng	100
75) Fluoranthene	19.339	202	605623	50.699	ng	98
77) Benzidine	19.533	184	359898	64.592	ng	98
78) Pyrene	19.703	202	646840	46.109	ng	100
80) Butylbenzylphthalate	20.598	149	333022	47.697	ng	99
81) Benzo(a)anthracene	21.445	228	640635	49.704	ng	99
82) 3,3'-Dichlorobenzidine	21.386	252	113366	25.566	ng	96
83) Chrysene	21.503	228	602727	48.534	ng	100
84) Bis(2-ethylhexyl)phtha...	21.362	149	492833	48.480	ng	98
85) Di-n-octyl phthalate	22.280	149	885434	53.621	ng	100
87) Indeno(1,2,3-cd)pyrene	26.321	276	974112	50.092	ng	98
88) Benzo(b)fluoranthene	23.115	252	747717	50.564	ng	98
89) Benzo(k)fluoranthene	23.168	252	759992	50.611	ng	99
90) Benzo(a)pyrene	23.738	252	682192	46.650	ng	97
91) Dibenzo(a,h)anthracene	26.332	278	825157	50.434	ng	98
92) Benzo(g,h,i)perylene	27.085	276	790591	47.803	ng	99

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

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