Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031623\
Data File : BM039017.D
Acq On : 16 Mar 2023 14:45
Operator : CG/JU
Sample : 01627-02
Misc : LOQ-SOIL-5ppm
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 17 06:15:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 06:13:01 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT1-2023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.975	152	339995	20.000	ng		0.00
21) Naphthalene-d8	10.792	136	1453594	20.000	ng		0.00
39) Acenaphthene-d10	14.615	164	902262	20.000	ng		0.00
64) Phenanthrene-d10	17.362	188	1922709	20.000	ng		0.00
76) Chrysene-d12	21.544	240	1816218	20.000	ng		0.00
86) Perylene-d12	23.985	264	1829537	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	2292557	102.444	ng		0.00
7) Phenol-d6	7.134	99	3135380	107.865	ng		0.00
23) Nitrobenzene-d5	9.145	82	2351594	79.467	ng		0.00
42) 2,4,6-Tribromophenol	16.104	330	1146648	109.856	ng		0.00
45) 2-Fluorobiphenyl	13.245	172	5031262	72.592	ng		0.00
79) Terphenyl-d14	19.986	244	7627662	76.785	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	41637	4.182	ng		95
3) Pyridine	3.810	79	120319	4.358	ng		96
4) n-Nitrosodimethylamine	3.716	42	59823	5.324	ng	#	96
6) Aniline	7.298	93	199048	5.215	ng		97
8) 2-Chlorophenol	7.534	128	121793	5.112	ng		95
9) Benzaldehyde	7.110	77	107419m	7.766	ng		
10) Phenol	7.157	94	165517	5.362	ng		96
11) bis(2-Chloroethyl)ether	7.398	93	134424	5.356	ng		99
12) 1,3-Dichlorobenzene	7.863	146	134800	5.324	ng		99
13) 1,4-Dichlorobenzene	8.010	146	135143	5.248	ng		98
14) 1,2-Dichlorobenzene	8.328	146	135126	5.448	ng		97
15) Benzyl Alcohol	8.216	79	114136	5.478	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.504	45	190586	6.013	ng		98
17) 2-Methylphenol	8.416	107	104375	4.922	ng		99
18) Hexachloroethane	9.063	117	50258	5.290	ng		93
19) n-Nitroso-di-n-propyla...	8.786	70	113060	6.175	ng		98
20) 3+4-Methylphenols	8.745	107	136535	4.822	ng		99
22) Acetophenone	8.804	105	183300	4.495	ng	#	96
24) Nitrobenzene	9.186	77	171024	5.499	ng		98
25) Isophorone	9.710	82	296024	5.436	ng		99
26) 2-Nitrophenol	9.898	139	55796	4.539	ng		96
27) 2,4-Dimethylphenol	9.957	122	117909	4.969	ng		97
28) bis(2-Chloroethoxy)met...	10.198	93	189304	5.410	ng		99
29) 2,4-Dichlorophenol	10.433	162	102417	4.553	ng		99
30) 1,2,4-Trichlorobenzene	10.651	180	119669	4.868	ng		99
31) Naphthalene	10.839	128	418277	5.046	ng		100
33) 4-Chloroaniline	10.951	127	171276	4.849	ng		99
34) Hexachlorobutadiene	11.127	225	66376	4.708	ng		97
35) Caprolactam	11.722	113	28469	4.158	ng		93
36) 4-Chloro-3-methylphenol	12.063	107	119332	4.982	ng		99
37) 2-Methylnaphthalene	12.445	142	285814	5.145	ng		99
38) 1-Methylnaphthalene	12.669	142	267991	5.148	ng		100
40) 1,2,4,5-Tetrachloroben...	12.810	216	112920	3.850	ng		98
41) Hexachlorocyclopentadiene	12.792	237	75483	4.688	ng		95
43) 2,4,6-Trichlorophenol	13.051	196	80391	4.232	ng		98
44) 2,4,5-Trichlorophenol	13.116	196	88694	3.989	ng		98

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46) 1,1'-Biphenyl	13.451	154	332697	4.353	ng	99
47) 2-Chloronaphthalene	13.492	162	287636	4.990	ng	98
48) 2-Nitroaniline	13.698	65	75646	4.570	ng	96
49) Acenaphthylene	14.339	152	438721	4.779	ng	99
50) Dimethylphthalate	14.074	163	368440	5.307	ng	99
51) 2,6-Dinitrotoluene	14.192	165	66408	4.704	ng	91
52) Acenaphthene	14.680	154	282295	5.003	ng	98
53) 3-Nitroaniline	14.515	138	73992	4.522	ng	98
54) 2,4-Dinitrophenol	14.721	184	26083	3.429	ng	97
55) Dibenzofuran	15.015	168	452526	5.125	ng	99
56) 4-Nitrophenol	14.815	139	61348	4.449	ng	94
57) 2,4-Dinitrotoluene	14.974	165	81888	4.530	ng	89
58) Fluorene	15.662	166	356913	5.160	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.239	232	82103	4.788	ng	97
60) Diethylphthalate	15.433	149	359779	5.326	ng	99
61) 4-Chlorophenyl-phenyle...	15.657	204	170753	5.025	ng	96
62) 4-Nitroaniline	15.674	138	70845	4.338	ng	94
63) Azobenzene	15.951	77	364368	5.097	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	38502	3.345	ng	89
66) n-Nitrosodiphenylamine	15.868	169	297057	4.583	ng	98
67) 4-Bromophenyl-phenylether	16.551	248	94866	4.568	ng	95
68) Hexachlorobenzene	16.662	284	117169	5.047	ng	95
69) Atrazine	16.821	200	75545	4.267	ng	98
70) Pentachlorophenol	17.004	266	58060	3.400	ng	99
71) Phenanthrene	17.404	178	566928	5.024	ng	100
72) Anthracene	17.492	178	538808	4.788	ng	100
73) Carbazole	17.762	167	506267	4.929	ng	98
74) Di-n-butylphthalate	18.333	149	569264	4.990	ng	99
75) Fluoranthene	19.415	202	595922	5.002	ng	98
77) Benzidine	19.603	184	212432	5.612	ng	100
78) Pyrene	19.780	202	635684	4.660	ng	99
80) Butylbenzylphthalate	20.680	149	233706	4.613	ng	98
81) Benzo(a)anthracene	21.527	228	636079	4.863	ng	99
82) 3,3'-Dichlorobenzidine	21.462	252	171430	4.265	ng	99
83) Chrysene	21.580	228	614378	4.830	ng	100
84) Bis(2-ethylhexyl)phtha...	21.456	149	350614	4.716	ng	99
85) Di-n-octyl phthalate	22.397	149	543816	4.235	ng	96
87) Indeno(1,2,3-cd)pyrene	26.521	276	598375	4.298	ng	98
88) Benzo(b)fluoranthene	23.238	252	597709	5.114	ng	99
89) Benzo(k)fluoranthene	23.285	252	590283	4.853	ng	99
90) Benzo(a)pyrene	23.874	252	482923	4.293	ng	99
91) Dibenzo(a,h)anthracene	26.538	278	504909	4.283	ng	98
92) Benzo(g,h,i)perylene	27.297	276	473575	4.106	ng	99

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

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