Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031622\
Data File : BM034254.D
Acq On : 16 Mar 2022 11:50
Operator : CG/JU
Sample : N1645-01
Misc : LOD-MDL-SOIL 8ppn
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 16 12:55:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 02:38:26 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	154507	20.000	ng		0.00
21) Naphthalene-d8	10.760	136	619970	20.000	ng		0.00
39) Acenaphthene-d10	14.583	164	379493	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	692493	20.000	ng		0.00
76) Chrysene-d12	21.495	240	577452	20.000	ng		0.00
86) Perylene-d12	23.906	264	587996	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.496	112	1337967	155.350	ng		0.00
7) Phenol-d6	7.107	99	1844937	149.615	ng		0.00
23) Nitrobenzene-d5	9.107	82	1053588	82.739	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	705419	137.910	ng		0.00
45) 2-Fluorobiphenyl	13.219	172	2343495	84.385	ng		0.00
79) Terphenyl-d14	19.942	244	2791719	84.006	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	29551	7.584	ng		97
3) Pyridine	3.766	79	70919	6.726	ng		96
4) n-Nitrosodimethylamine	3.672	42	38098	7.609	ng	#	94
6) Aniline	7.266	93	111588	7.919	ng		98
8) 2-Chlorophenol	7.507	128	76081	7.552	ng		95
9) Benzaldehyde	7.078	77	70893m	10.671	ng		
10) Phenol	7.131	94	92816	7.568	ng		95
11) bis(2-Chloroethyl)ether	7.366	93	77202	7.669	ng		96
12) 1,3-Dichlorobenzene	7.837	146	86410	7.562	ng		97
13) 1,4-Dichlorobenzene	7.984	146	88871	7.597	ng		99
14) 1,2-Dichlorobenzene	8.301	146	83293	7.304	ng		98
15) Benzyl Alcohol	8.184	79	67137	6.841	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.484	45	104234	7.545	ng		97
17) 2-Methylphenol	8.390	107	59795	6.961	ng		95
18) Hexachloroethane	9.037	117	32185	7.460	ng		96
19) n-Nitroso-di-n-propyla...	8.754	70	64033	7.179	ng		98
20) 3+4-Methylphenols	8.719	107	79207	6.668	ng		99
22) Acetophenone	8.772	105	121543	7.639	ng	#	99
24) Nitrobenzene	9.148	77	94179	7.922	ng		99
25) Isophorone	9.678	82	160366	7.526	ng		99
26) 2-Nitrophenol	9.866	139	33805	6.412	ng		94
27) 2,4-Dimethylphenol	9.925	122	67751	8.207	ng		98
28) bis(2-Chloroethoxy)met...	10.166	93	99374	7.284	ng		99
29) 2,4-Dichlorophenol	10.401	162	63690	6.640	ng		97
30) 1,2,4-Trichlorobenzene	10.625	180	80294	7.364	ng		96
31) Naphthalene	10.807	128	241644	7.481	ng		100
32) Benzoic acid	9.989	122	24824m	3.636	ng		
33) 4-Chloroaniline	10.913	127	85714	6.727	ng		98
34) Hexachlorobutadiene	11.107	225	51539	7.463	ng		98
35) Caprolactam	11.666	113	17901m	5.369	ng		
36) 4-Chloro-3-methylphenol	12.036	107	69119	6.288	ng		96
37) 2-Methylnaphthalene	12.419	142	166854	7.240	ng		99
38) 1-Methylnaphthalene	12.636	142	164542	7.298	ng		99
40) 1,2,4,5-Tetrachloroben...	12.789	216	90599	7.911	ng		99
41) Hexachlorocyclopentadiene	12.772	237	58589	8.835	ng		95
43) 2,4,6-Trichlorophenol	13.025	196	52365	6.623	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	55095	6.492	ng		99
46) 1,1'-Biphenyl	13.424	154	220213	7.610	ng		100
47) 2-Chloronaphthalene	13.466	162	167501	7.541	ng		98
48) 2-Nitroaniline	13.666	65	38429	5.659	ng		99
49) Acenaphthylene	14.307	152	262374	7.579	ng		98
50) Dimethylphthalate	14.036	163	197660	6.843	ng		99
51) 2,6-Dinitrotoluene	14.154	165	39474	6.663	ng		96
52) Acenaphthene	14.648	154	162766	6.980	ng		99
53) 3-Nitroaniline	14.483	138	30026	5.052	ng	#	99
54) 2,4-Dinitrophenol	14.689	184	12747	3.840	ng		97
55) Dibenzofuran	14.983	168	245837	7.075	ng		98
56) 4-Nitrophenol	14.783	139	18217m	3.781	ng		
57) 2,4-Dinitrotoluene	14.936	165	46225	5.772	ng		96
58) Fluorene	15.630	166	191011	6.771	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.207	232	47255	6.175	ng		98
60) Diethylphthalate	15.401	149	193959	6.545	ng		98
61) 4-Chlorophenyl-phenyle...	15.624	204	98077	6.810	ng		99
62) 4-Nitroaniline	15.636	138	25243m	4.415	ng		
63) Azobenzene	15.918	77	185358	6.487	ng		100
65) 4,6-Dinitro-2-methylph...	15.701	198	21167	4.701	ng		95
66) n-Nitrosodiphenylamine	15.836	169	159327	7.242	ng		99
67) 4-Bromophenyl-phenylether	16.518	248	57252	7.192	ng		95
68) Hexachlorobenzene	16.636	284	66719	7.514	ng		98
69) Atrazine	16.777	200	52438	7.231	ng		98
70) Pentachlorophenol	16.977	266	32339	5.695	ng		95
71) Phenanthrene	17.365	178	280258	7.227	ng		99
72) Anthracene	17.454	178	269517	7.140	ng		99
73) Carbazole	17.724	167	205779	5.845	ng		99
74) Di-n-butylphthalate	18.289	149	262382	5.995	ng		99
75) Fluoranthene	19.377	202	278058	6.396	ng		99
77) Benzidine	19.559	184	56224m	6.644	ng		
78) Pyrene	19.736	202	293404	7.212	ng		99
80) Butylbenzylphthalate	20.630	149	96651	5.617	ng		96
81) Benzo(a)anthracene	21.477	228	251482	6.900	ng		99
82) 3,3'-Dichlorobenzidine	21.412	252	73282	6.020	ng		99
83) Chrysene	21.530	228	258458	6.944	ng		98
84) Bis(2-ethylhexyl)phtha...	21.406	149	143078	5.631	ng		99
85) Di-n-octyl phthalate	22.336	149	233791	5.797	ng		98
87) Indeno(1,2,3-cd)pyrene	26.418	276	248987	6.583	ng		99
88) Benzo(b)fluoranthene	23.171	252	238235	6.776	ng		99
89) Benzo(k)fluoranthene	23.218	252	269518	7.236	ng		100
90) Benzo(a)pyrene	23.800	252	228969	7.682	ng		99
91) Dibenzo(a,h)anthracene	26.441	278	201568	6.572	ng		98
92) Benzo(g,h,i)perylene	27.188	276	241696	7.614	ng		97

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

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