Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111721\
Data File : BP008003.D
Acq On : 17 Nov 2021 14:48
Operator : CG/JU
Sample : M4068-02
Misc : LOQ-SOIL-10ppm
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 17 15:14:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 17 11:32:05 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :Sohil Jodhani 11/30/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	149397	20.000	ng		0.00
21) Naphthalene-d8	10.640	136	552673	20.000	ng	#	0.00
39) Acenaphthene-d10	14.481	164	391224	20.000	ng		0.00
64) Phenanthrene-d10	17.233	188	876157	20.000	ng		0.00
76) Chrysene-d12	21.333	240	1088691	20.000	ng	#	0.00
86) Perylene-d12	23.733	264	1246692	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	925442	100.489	ng		0.00
7) Phenol-d6	7.016	99	1252067	102.196	ng		0.00
23) Nitrobenzene-d5	8.999	82	783922	75.905	ng		0.00
42) 2,4,6-Tribromophenol	15.975	330	735361	119.465	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	2012973	72.174	ng		0.00
79) Terphenyl-d14	19.804	244	3569272	66.478	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	29509	7.614	ng		97
3) Pyridine	3.740	79	103890	9.345	ng		96
4) n-Nitrosodimethylamine	3.640	42	39239	9.555	ng	#	91
6) Aniline	7.169	93	139413	10.077	ng		97
8) 2-Chlorophenol	7.405	128	89196	9.161	ng		98
9) Benzaldehyde	6.981	77	61644	7.801	ng		99
10) Phenol	7.040	94	112394	9.456	ng		92
11) bis(2-Chloroethyl)ether	7.263	93	87273	8.934	ng		96
12) 1,3-Dichlorobenzene	7.728	146	102155	9.330	ng		99
13) 1,4-Dichlorobenzene	7.875	146	103249	9.276	ng		98
14) 1,2-Dichlorobenzene	8.193	146	91924	8.178	ng		98
15) Benzyl Alcohol	8.081	79	84782	9.149	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.375	45	96140	8.144	ng		97
17) 2-Methylphenol	8.287	107	70103	8.564	ng		98
18) Hexachloroethane	8.922	117	33864	8.971	ng		92
19) n-Nitroso-di-n-propyla...	8.652	70	66776	8.755	ng	#	94
20) 3+4-Methylphenols	8.616	107	96097	8.471	ng		95
22) Acetophenone	8.663	105	91633	6.518	ng		99
24) Nitrobenzene	9.040	77	101690	10.303	ng		99
25) Isophorone	9.569	82	175915	9.793	ng		99
26) 2-Nitrophenol	9.752	139	45270	8.984	ng		95
27) 2,4-Dimethylphenol	9.822	122	81967	11.012	ng		91
28) bis(2-Chloroethoxy)met...	10.052	93	110005	9.229	ng		99
29) 2,4-Dichlorophenol	10.293	162	86899	9.484	ng		98
30) 1,2,4-Trichlorobenzene	10.504	180	101672	9.698	ng		99
31) Naphthalene	10.687	128	275923	9.777	ng		99
32) Benzoic acid	9.934	122	63996	9.949	ng		98
33) 4-Chloroaniline	10.804	127	118246	9.755	ng		98
34) Hexachlorobutadiene	10.981	225	69818	9.746	ng		99
35) Caprolactam	11.593	113	16931	8.414	ng	#	88
36) 4-Chloro-3-methylphenol	11.934	107	97600	9.427	ng		98
37) 2-Methylnaphthalene	12.298	142	211217	10.241	ng		97
38) 1-Methylnaphthalene	12.522	142	197620	9.824	ng		98
40) 1,2,4,5-Tetrachloroben...	12.675	216	82394	6.321	ng		98
41) Hexachlorocyclopentadiene	12.657	237	58236	9.730	ng		98
43) 2,4,6-Trichlorophenol	12.916	196	78566	8.820	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.987	196	86744	8.963	ng		96
46)	1,1'-Biphenyl	13.316	154	185322	6.342	ng		98
47)	2-Chloronaphthalene	13.357	162	219143	9.587	ng		98
48)	2-Nitroaniline	13.557	65	58592	9.031	ng		95
49)	Acenaphthylene	14.198	152	338156	9.725	ng		99
50)	Dimethylphthalate	13.940	163	295650	9.552	ng		100
51)	2,6-Dinitrotoluene	14.057	165	60780	9.452	ng		98
52)	Acenaphthene	14.545	154	208045	9.996	ng		98
53)	3-Nitroaniline	14.387	138	59313	9.047	ng		99
54)	2,4-Dinitrophenol	14.598	184	45548	11.737	ng	#	88
55)	Dibenzofuran	14.881	168	345317	9.756	ng		96
56)	4-Nitrophenol	14.704	139	61315	11.475	ng		90
57)	2,4-Dinitrotoluene	14.845	165	83462	9.751	ng		93
58)	Fluorene	15.534	166	276563	9.821	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.110	232	81686m	9.267	ng		
60)	Diethylphthalate	15.310	149	289703	9.710	ng		100
61)	4-Chlorophenyl-phenyle...	15.528	204	150736	9.897	ng		99
62)	4-Nitroaniline	15.551	138	61119	9.071	ng	#	83
63)	Azobenzene	15.822	77	246936	9.831	ng		98
65)	4,6-Dinitro-2-methylph...	15.616	198	45329	7.894	ng		94
66)	n-Nitrosodiphenylamine	15.745	169	246760	9.839	ng		99
67)	4-Bromophenyl-phenylether	16.428	248	99148	9.676	ng		95
68)	Hexachlorobenzene	16.545	284	116331	10.080	ng		93
69)	Atrazine	16.698	200	65050	9.949	ng		98
70)	Pentachlorophenol	16.892	266	71758	10.196	ng		97
71)	Phenanthrene	17.281	178	462309	9.904	ng		99
72)	Anthracene	17.369	178	464121	10.143	ng		100
73)	Carbazole	17.645	167	421021	9.343	ng		99
74)	Di-n-butylphthalate	18.204	149	481813	9.448	ng		100
75)	Fluoranthene	19.251	202	588438	9.956	ng		97
77)	Benzidine	19.427	184	196463	11.761	ng		100
78)	Pyrene	19.604	202	618726	9.503	ng		99
80)	Butylbenzylphthalate	20.480	149	229071	8.521	ng		97
81)	Benzo(a)anthracene	21.316	228	669532	9.342	ng		100
82)	3,3'-Dichlorobenzidine	21.251	252	242665	7.335	ng		99
83)	Chrysene	21.369	228	664409	9.672	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.245	149	361325	9.414	ng	#	97
85)	Di-n-octyl phthalate	22.174	149	635095	8.979	ng		97
87)	Indeno(1,2,3-cd)pyrene	26.239	276	888200	9.868	ng	#	93
88)	Benzo(b)fluoranthene	22.998	252	737290	9.935	ng	#	98
89)	Benzo(k)fluoranthene	23.051	252	752027	10.144	ng	#	98
90)	Benzo(a)pyrene	23.627	252	718217	11.316	ng	#	97
91)	Dibenzo(a,h)anthracene	26.257	278	754060	10.099	ng	#	97
92)	Benzo(g,h,i)perylene	27.004	276	755401	10.263	ng	#	95

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

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