Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111521\
Data File : BP007980.D
Acq On : 15 Nov 2021 11:26
Operator : CG/JU
Sample : M4068-01
Misc : LOD-MDL-SOIL 4ppm
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 15 11:51:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 11:51:16 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	132853	20.000	ng		0.00
21) Naphthalene-d8	10.634	136	485300	20.000	ng	#	0.00
39) Acenaphthene-d10	14.480	164	365438	20.000	ng		0.00
64) Phenanthrene-d10	17.233	188	832793	20.000	ng	#	0.00
76) Chrysene-d12	21.333	240	1012128	20.000	ng	#	0.00
86) Perylene-d12	23.739	264	1101601	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1023280	124.949	ng		0.00
7) Phenol-d6	7.016	99	1373628	126.079	ng		0.00
23) Nitrobenzene-d5	8.998	82	806566	88.939	ng		0.00
42) 2,4,6-Tribromophenol	15.974	330	837313	145.627	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	2140014	82.144	ng		0.00
79) Terphenyl-d14	19.804	244	3653129	73.187	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	13640	3.958	ng		96
3) Pyridine	3.746	79	30875m	3.123	ng		
4) n-Nitrosodimethylamine	3.646	42	15565	4.262	ng	#	97
6) Aniline	7.169	93	56639	4.604	ng		99
8) 2-Chlorophenol	7.404	128	37415	4.321	ng		97
9) Benzaldehyde	6.981	77	32717	4.656	ng		95
10) Phenol	7.040	94	43561	4.121	ng		85
11) bis(2-Chloroethyl)ether	7.263	93	34957	4.024	ng		94
12) 1,3-Dichlorobenzene	7.728	146	41947	4.308	ng		97
13) 1,4-Dichlorobenzene	7.875	146	43666	4.411	ng		98
14) 1,2-Dichlorobenzene	8.193	146	41212	4.123	ng		97
15) Benzyl Alcohol	8.081	79	32153	3.902	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.375	45	41754	3.977	ng		93
17) 2-Methylphenol	8.287	107	29570	4.062	ng		96
18) Hexachloroethane	8.916	117	13700	4.081	ng		90
19) n-Nitroso-di-n-propyla...	8.645	70	27075	3.992	ng		96
20) 3+4-Methylphenols	8.616	107	38112	3.778	ng		97
22) Acetophenone	8.663	105	52112	4.222	ng	#	98
24) Nitrobenzene	9.040	77	43176	4.982	ng		99
25) Isophorone	9.569	82	68331	4.332	ng		97
26) 2-Nitrophenol	9.751	139	16553	3.741	ng	#	89
27) 2,4-Dimethylphenol	9.822	122	31201	4.774	ng		95
28) bis(2-Chloroethoxy)met...	10.051	93	44093	4.213	ng		99
29) 2,4-Dichlorophenol	10.292	162	32542	4.045	ng		98
30) 1,2,4-Trichlorobenzene	10.504	180	39562	4.297	ng		100
31) Naphthalene	10.687	128	109457	4.417	ng		98
32) Benzoic acid	9.904	122	9042m	1.601	ng		
33) 4-Chloroaniline	10.804	127	46443	4.363	ng		97
34) Hexachlorobutadiene	10.981	225	27694	4.403	ng		97
35) Caprolactam	11.581	113	9469	5.359	ng	#	80
36) 4-Chloro-3-methylphenol	11.934	107	35353	3.889	ng		95
37) 2-Methylnaphthalene	12.298	142	84824	4.684	ng		98
38) 1-Methylnaphthalene	12.522	142	78527	4.446	ng		94
40) 1,2,4,5-Tetrachloroben...	12.669	216	48660	3.996	ng		98
41) Hexachlorocyclopentadiene	12.651	237	17201	3.077	ng		91
43) 2,4,6-Trichlorophenol	12.916	196	29323	3.524	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.992	196	32536	3.599	ng		98
46)	1,1'-Biphenyl	13.310	154	112217	4.111	ng		97
47)	2-Chloronaphthalene	13.351	162	89514	4.192	ng		99
48)	2-Nitroaniline	13.557	65	21027	3.470	ng		95
49)	Acenaphthylene	14.198	152	134814	4.151	ng		97
50)	Dimethylphthalate	13.939	163	119693	4.140	ng		98
51)	2,6-Dinitrotoluene	14.057	165	23923	3.983	ng		92
52)	Acenaphthene	14.539	154	85173	4.381	ng		99
53)	3-Nitroaniline	14.386	138	22392	3.656	ng		94
54)	2,4-Dinitrophenol	14.598	184	7656	2.112	ng		87
55)	Dibenzofuran	14.875	168	145579	4.403	ng		95
56)	4-Nitrophenol	14.710	139	15442	3.094	ng		94
57)	2,4-Dinitrotoluene	14.845	165	30447	3.808	ng	#	99
58)	Fluorene	15.527	166	115619	4.395	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.110	232	32251m	3.917	ng		
60)	Diethylphthalate	15.304	149	118855	4.265	ng		98
61)	4-Chlorophenyl-phenyle...	15.527	204	63796	4.484	ng		97
62)	4-Nitroaniline	15.551	138	21770	3.459	ng		94
63)	Azobenzene	15.822	77	96044	4.094	ng		96
65)	4,6-Dinitro-2-methylph...	15.616	198	15092	2.765	ng		96
66)	n-Nitrosodiphenylamine	15.739	169	101879	4.274	ng		97
67)	4-Bromophenyl-phenylether	16.422	248	40160	4.123	ng		95
68)	Hexachlorobenzene	16.539	284	48287	4.402	ng		95
69)	Atrazine	16.698	200	38176	6.143	ng		99
70)	Pentachlorophenol	16.892	266	22631	3.383	ng		94
71)	Phenanthrene	17.274	178	197075	4.442	ng		99
72)	Anthracene	17.369	178	193300	4.444	ng		99
73)	Carbazole	17.645	167	170344	3.977	ng		99
74)	Di-n-butylphthalate	18.198	149	191860	3.958	ng		99
75)	Fluoranthene	19.251	202	243950	4.343	ng		97
77)	Benzidine	19.433	184	108566	6.991	ng		98
78)	Pyrene	19.604	202	261013	4.312	ng		99
80)	Butylbenzylphthalate	20.480	149	87813	3.514	ng		97
81)	Benzo(a)anthracene	21.315	228	277978	4.172	ng		99
82)	3,3'-Dichlorobenzidine	21.251	252	96508	3.138	ng		99
83)	Chrysene	21.368	228	281220	4.403	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.251	149	139554	3.911	ng	#	97
85)	Di-n-octyl phthalate	22.174	149	240779	3.662	ng		97
87)	Indeno(1,2,3-cd)pyrene	26.244	276	324316	4.078	ng	#	94
88)	Benzo(b)fluoranthene	23.003	252	299550	4.568	ng		98
89)	Benzo(k)fluoranthene	23.051	252	287001	4.381	ng		98
90)	Benzo(a)pyrene	23.627	252	276818	4.936	ng	#	97
91)	Dibenzo(a,h)anthracene	26.262	278	275093	4.169	ng		97
92)	Benzo(g,h,i)perylene	27.009	276	273062	4.199	ng		94

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

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