Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111621\
Data File : BP007995.D
Acq On : 16 Nov 2021 12:11
Operator : CG/JU
Sample : M4068-03
Misc : MDL-MDL-SOIL 8ppm
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 16 12:59:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 16 12:59:06 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2021

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/16/2021
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	123989	20.000	ng		0.00
21) Naphthalene-d8	10.640	136	491624	20.000	ng		0.00
39) Acenaphthene-d10	14.481	164	345589	20.000	ng		0.00
64) Phenanthrene-d10	17.239	188	776382	20.000	ng	#	0.00
76) Chrysene-d12	21.333	240	966499	20.000	ng	#	0.00
86) Perylene-d12	23.739	264	1119719	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	924450	120.952	ng		0.00
7) Phenol-d6	7.016	99	1262570	124.171	ng		0.00
23) Nitrobenzene-d5	8.999	82	720757	78.455	ng		0.00
42) 2,4,6-Tribromophenol	15.975	330	692484	127.355	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	1804390	73.239	ng		0.00
79) Terphenyl-d14	19.804	244	3116273	65.379	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	23776	7.392	ng		99
3) Pyridine	3.740	79	59791	6.480	ng		93
4) n-Nitrosodimethylamine	3.640	42	28709	8.424	ng		99
6) Aniline	7.169	93	98312	8.562	ng		97
8) 2-Chlorophenol	7.405	128	64904	8.032	ng		99
9) Benzaldehyde	6.981	77	56045	8.546	ng		94
10) Phenol	7.040	94	78776	7.985	ng		89
11) bis(2-Chloroethyl)ether	7.269	93	62348	7.691	ng		96
12) 1,3-Dichlorobenzene	7.728	146	69152	7.610	ng		97
13) 1,4-Dichlorobenzene	7.875	146	69034	7.473	ng		98
14) 1,2-Dichlorobenzene	8.193	146	67655	7.253	ng		97
15) Benzyl Alcohol	8.081	79	55066	7.160	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.369	45	69383	7.082	ng		96
17) 2-Methylphenol	8.293	107	48950	7.205	ng		94
18) Hexachloroethane	8.922	117	24661	7.872	ng		92
19) n-Nitroso-di-n-propyla...	8.652	70	45579	7.201	ng		94
20) 3+4-Methylphenols	8.616	107	65811	6.990	ng		93
22) Acetophenone	8.663	105	91642	7.328	ng	#	98
24) Nitrobenzene	9.040	77	73663	8.390	ng		99
25) Isophorone	9.569	82	116235	7.274	ng		98
26) 2-Nitrophenol	9.752	139	30076	6.710	ng	#	88
27) 2,4-Dimethylphenol	9.822	122	56339	8.509	ng		97
28) bis(2-Chloroethoxy)met...	10.051	93	76076	7.175	ng		100
29) 2,4-Dichlorophenol	10.293	162	58940	7.231	ng		97
30) 1,2,4-Trichlorobenzene	10.504	180	71845	7.704	ng		95
31) Naphthalene	10.687	128	195694	7.795	ng		99
32) Benzoic acid	9.910	122	18130	3.169	ng		94
33) 4-Chloroaniline	10.804	127	80813	7.495	ng		100
34) Hexachlorobutadiene	10.981	225	49631	7.788	ng		99
35) Caprolactam	11.581	113	17073	9.538	ng	#	87
36) 4-Chloro-3-methylphenol	11.934	107	65590	7.122	ng		100
37) 2-Methylnaphthalene	12.304	142	146122	7.965	ng		98
38) 1-Methylnaphthalene	12.522	142	135873	7.593	ng		100
40) 1,2,4,5-Tetrachloroben...	12.675	216	83439	7.246	ng		99
41) Hexachlorocyclopentadiene	12.657	237	36648	6.932	ng		98
43) 2,4,6-Trichlorophenol	12.916	196	52515	6.674	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.993	196	58034	6.788	ng		97
46)	1,1'-Biphenyl	13.316	154	184644	7.153	ng		99
47)	2-Chloronaphthalene	13.351	162	153158	7.585	ng		96
48)	2-Nitroaniline	13.563	65	38996	6.805	ng		96
49)	Acenaphthylene	14.198	152	231841	7.548	ng		99
50)	Dimethylphthalate	13.940	163	197905	7.238	ng		100
51)	2,6-Dinitrotoluene	14.057	165	39357	6.929	ng		99
52)	Acenaphthene	14.545	154	140331	7.633	ng		95
53)	3-Nitroaniline	14.387	138	37560	6.485	ng		98
54)	2,4-Dinitrophenol	14.598	184	15666	4.570	ng		97
55)	Dibenzofuran	14.881	168	239233	7.652	ng		98
56)	4-Nitrophenol	14.710	139	29139	6.174	ng		93
57)	2,4-Dinitrotoluene	14.845	165	53050	7.016	ng		95
58)	Fluorene	15.528	166	188963	7.596	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.110	232	54512m	7.001	ng		
60)	Diethylphthalate	15.304	149	191443	7.264	ng		99
61)	4-Chlorophenyl-phenyle...	15.528	204	103697	7.708	ng		99
62)	4-Nitroaniline	15.551	138	40479	6.801	ng		95
63)	Azobenzene	15.822	77	166439	7.501	ng		97
65)	4,6-Dinitro-2-methylph...	15.616	198	27339	5.373	ng		87
66)	n-Nitrosodiphenylamine	15.739	169	167625	7.543	ng		99
67)	4-Bromophenyl-phenylether	16.428	248	66815	7.358	ng		95
68)	Hexachlorobenzene	16.545	284	77796	7.607	ng	#	92
69)	Atrazine	16.698	200	63612	10.979	ng		99
70)	Pentachlorophenol	16.892	266	41994	6.734	ng		97
71)	Phenanthrene	17.281	178	315795	7.635	ng		99
72)	Anthracene	17.369	178	313324	7.727	ng		99
73)	Carbazole	17.645	167	281295	7.045	ng		100
74)	Di-n-butylphthalate	18.204	149	313183	6.930	ng		99
75)	Fluoranthene	19.251	202	398746	7.614	ng		96
77)	Benzidine	19.433	184	203107	13.696	ng		98
78)	Pyrene	19.604	202	424205	7.339	ng		100
80)	Butylbenzylphthalate	20.480	149	150870	6.322	ng		97
81)	Benzo(a)anthracene	21.316	228	466928	7.338	ng		99
82)	3,3'-Dichlorobenzidine	21.251	252	172431	5.871	ng		99
83)	Chrysene	21.369	228	463620	7.602	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.245	149	238619	7.003	ng		98
85)	Di-n-octyl phthalate	22.174	149	416437	6.632	ng		98
87)	Indeno(1,2,3-cd)pyrene	26.239	276	604499	7.477	ng	#	94
88)	Benzo(b)fluoranthene	23.004	252	526722	7.903	ng	#	98
89)	Benzo(k)fluoranthene	23.051	252	497205	7.467	ng	#	97
90)	Benzo(a)pyrene	23.627	252	494541	8.675	ng	#	97
91)	Dibenzo(a,h)anthracene	26.257	278	515768	7.691	ng		97
92)	Benzo(g,h,i)perylene	27.009	276	511362	7.735	ng	#	94

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

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