Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080421\
Data File : BP006490.D
Acq On : 04 Aug 2021 11:47
Operator : CG/JU
Sample : M2262-02
Misc : LOQ-SOIL-10ppm
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations APPROVED
mohammad
8/5/2021 5:07:05 PM

Quant Time: Aug 04 12:38:21 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:41:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	160619	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	695154	20.000	ng	#	0.00
39) Acenaphthene-d10	14.386	164	405381	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	807632	20.000	ng	#	0.00
76) Chrysene-d12	21.239	240	831494	20.000	ng	#	0.00
86) Perylene-d12	23.568	264	856402	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	986284	94.315	ng		0.00
7) Phenol-d6	6.928	99	1413829	95.176	ng		0.00
23) Nitrobenzene-d5	8.910	82	790258	52.472	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	398270	94.005	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	1392189	51.381	ng		0.00
79) Terphenyl-d14	19.716	244	2072734	49.950	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	38843	8.532	ng		89
3) Pyridine	3.699	79	123841	9.255	ng		96
4) n-Nitrosodimethylamine	3.611	42	54548	10.801	ng	#	91
6) Aniline	7.093	93	188120	11.658	ng		94
8) 2-Chlorophenol	7.322	128	114208	10.094	ng		90
9) Benzaldehyde	6.905	77	99923	11.176	ng		87
10) Phenol	6.957	94	154442	10.368	ng		97
11) bis(2-Chloroethyl)ether	7.193	93	118525	10.479	ng		91
12) 1,3-Dichlorobenzene	7.646	146	120608	10.228	ng		97
13) 1,4-Dichlorobenzene	7.793	146	123026	10.279	ng		97
14) 1,2-Dichlorobenzene	8.104	146	120851	10.523	ng		98
15) Benzyl Alcohol	7.999	79	112745	10.121	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.293	45	145028	10.776	ng		94
17) 2-Methylphenol	8.199	107	96223	10.230	ng		97
18) Hexachloroethane	8.822	117	49350	10.418	ng	#	87
19) n-Nitroso-di-n-propyla...	8.563	70	104221	10.457	ng		95
20) 3+4-Methylphenols	8.522	107	126904	9.913	ng		95
22) Acetophenone	8.575	105	156887	8.510	ng	#	96
24) Nitrobenzene	8.951	77	157073	10.033	ng	#	88
25) Isophorone	9.481	82	251131	9.284	ng	#	93
26) 2-Nitrophenol	9.663	139	50369	8.841	ng		91
27) 2,4-Dimethylphenol	9.722	122	104843	10.989	ng		97
28) bis(2-Chloroethoxy)met...	9.969	93	159032	10.988	ng		98
29) 2,4-Dichlorophenol	10.187	162	86396	8.944	ng		93
30) 1,2,4-Trichlorobenzene	10.404	180	103175	9.940	ng		96
31) Naphthalene	10.587	128	375265	10.046	ng		100
32) Benzoic acid	9.804	122	67149	9.098	ng		93
33) 4-Chloroaniline	10.704	127	154616	10.229	ng	#	93
34) Hexachlorobutadiene	10.875	225	59237	9.794	ng		98
35) Caprolactam	11.487	113	25481	7.316	ng	#	75
36) 4-Chloro-3-methylphenol	11.828	107	112180	9.141	ng		91
37) 2-Methylnaphthalene	12.204	142	251582	9.939	ng		99
38) 1-Methylnaphthalene	12.422	142	235950	9.809	ng		97
40) 1,2,4,5-Tetrachloroben...	12.569	216	86423	8.145	ng	#	95
41) Hexachlorocyclopentadiene	12.551	237	70216	12.478	ng		96
43) 2,4,6-Trichlorophenol	12.816	196	63658	8.787	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	70568	8.800	ng	#	88
46) 1,1'-Biphenyl	13.222	154	258220	8.416	ng		96
47) 2-Chloronaphthalene	13.257	162	235070	9.948	ng		93
48) 2-Nitroaniline	13.469	65	75338	9.035	ng	#	82
49) Acenaphthylene	14.110	152	385511	10.118	ng		98
50) Dimethylphthalate	13.851	163	298418	10.113	ng		99
51) 2,6-Dinitrotoluene	13.969	165	58070	8.819	ng	#	69
52) Acenaphthene	14.451	154	230350	9.934	ng		97
53) 3-Nitroaniline	14.298	138	67794	9.287	ng		82
54) 2,4-Dinitrophenol	14.504	184	34879	10.129	ng	#	80
55) Dibenzofuran	14.786	168	363271	9.960	ng		93
56) 4-Nitrophenol	14.604	139	56178	8.863	ng	#	85
57) 2,4-Dinitrotoluene	14.757	165	76294	8.640	ng	#	76
58) Fluorene	15.439	166	286336	9.822	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.010	232	61951	9.218	ng	#	70
60) Diethylphthalate	15.222	149	305999	9.873	ng		97
61) 4-Chlorophenyl-phenyle...	15.439	204	131251	9.942	ng	#	86
62) 4-Nitroaniline	15.463	138	69586	8.984	ng		90
63) Azobenzene	15.733	77	351119	9.717	ng		93
65) 4,6-Dinitro-2-methylph...	15.516	198	34345m	6.960	ng		
66) n-Nitrosodiphenylamine	15.651	169	245521	9.672	ng		99
67) 4-Bromophenyl-phenylether	16.333	248	74084	9.560	ng	#	85
68) Hexachlorobenzene	16.439	284	87614	9.935	ng	#	88
69) Atrazine	16.610	200	62835	7.932	ng		94
70) Pentachlorophenol	16.786	266	48936	8.746	ng		99
71) Phenanthrene	17.180	178	462523	10.153	ng		100
72) Anthracene	17.275	178	446203	10.137	ng		99
73) Carbazole	17.551	167	426477	9.498	ng		98
74) Di-n-butylphthalate	18.116	149	475550	9.296	ng		99
75) Fluoranthene	19.157	202	507513	9.926	ng		94
77) Benzidine	19.345	184	190825	9.171	ng		100
78) Pyrene	19.510	202	535062	9.634	ng		99
80) Butylbenzylphthalate	20.404	149	204361	8.368	ng		89
81) Benzo(a)anthracene	21.221	228	522544	9.616	ng		99
82) 3,3'-Dichlorobenzidine	21.163	252	135984	9.532	ng	#	96
83) Chrysene	21.274	228	514175	9.760	ng		100
84) Bis(2-ethylhexyl)phtha...	21.168	149	310802	8.469	ng	#	95
85) Di-n-octyl phthalate	22.074	149	506583	8.374	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.968	276	609594	9.817	ng	#	89
88) Benzo(b)fluoranthene	22.857	252	526828	9.465	ng	#	95
89) Benzo(k)fluoranthene	22.904	252	535964	10.029	ng	#	95
90) Benzo(a)pyrene	23.462	252	498994	9.995	ng	#	94
91) Dibenzo(a,h)anthracene	25.986	278	529194	9.856	ng	#	91
92) Benzo(g,h,i)perylene	26.703	276	509463	9.902	ng	#	88

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

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